Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
Grossular(82-112)_1.txt
5.07396, 0.04576, 0.0002139
5.07545, 0.04582, 0.0002136
5.07802, 0.04585, 0.0002384
5.45791, 0.04724, 0.0002543
5.45873, 0.04755, 0.0002575
5.45898, 0.04748, 0.0002446
5.84325, 0.04961, 0.0001902
5.8438, 0.04976, 0.0001781
5.84558, 0.04969, 0.0001686
6.26001, 0.05266, 0.0002092
6.26043, 0.0526, 0.0002043
6.26217, 0.05256, 0.0001972
6.71848, 0.0568, 0.0002505
6.71878, 0.05685, 0.0002453
6.72029, 0.05672, 0.0002479
7.15665, 0.06174, 0.0002541
7.15839, 0.06202, 0.000262
7.15976, 0.06181, 0.0002618
7.67123, 0.06805, 0.0004081
7.67189, 0.06825, 0.000346
7.67229, 0.06808, 0.0003726
8.21983, 0.07647, 0.0004381
8.22245, 0.07685, 0.0004252
8.22281, 0.0766, 0.000419
8.80931, 0.08707, 0.0005057
8.80943, 0.08685, 0.000501
8.81049, 0.08725, 0.0005019
9.44053, 0.0994, 0.000617
9.44054, 0.09981, 0.0006318
9.44363, 0.09966, 0.0005952
10.1156, 0.1249, 0.01727
10.1165, 0.1156, 0.0007721
10.1183, 0.1169, 0.001297
10.8456, 0.1347, 0.0005667
10.8487, 0.1349, 0.0005549
10.85, 0.1366, 0.001092
11.6203, 0.1587, 0.0007357
11.6228, 0.1589, 0.0006658
11.6245, 0.1587, 0.0006886
12.452, 0.1894, 0.002057
12.4525, 0.1878, 0.0009553
12.4534, 0.1876, 0.001035
13.3428, 0.2229, 0.001056
13.3467, 0.2239, 0.001102
13.3471, 0.2242, 0.001046
14.2962, 0.2676, 0.001463
14.3028, 0.2669, 0.00142
14.3034, 0.2707, 0.00293
15.322, 0.3224, 0.002019
15.3267, 0.3224, 0.001928
15.3271, 0.321, 0.001751
16.4194, 0.3891, 0.002187
16.4244, 0.3917, 0.002293
16.4258, 0.3893, 0.002134
17.5939, 0.4757, 0.002656
17.5993, 0.4765, 0.002741
17.6022, 0.477, 0.002951
18.8605, 0.5837, 0.00321
18.8641, 0.5836, 0.003386
18.8678, 0.5841, 0.003175
20.209, 0.7188, 0.01427
20.2101, 0.7215, 0.01426
20.2201, 0.7201, 0.01427
21.6626, 0.8992, 0.02261
21.668, 0.9076, 0.008992
21.6819, 0.904, 0.006053

23.2208, 1.139, 0.005837
23.222, 1.131, 0.006706
23.2359, 1.134, 0.02631
24.8892, 1.428, 0.06639
24.8926, 1.43, 0.06653
24.9013, 1.431, 0.06661
26.6702, 1.818, 0.01176
26.6719, 1.826, 0.01589
26.6843, 1.819, 0.01108
28.5826, 2.32, 0.008538
28.5844, 2.32, 0.01036
28.598, 2.32, 0.01091
30.6396, 2.969, 0.01021
30.6436, 2.973, 0.0137
30.6555, 2.969, 0.01055
32.8579, 3.821, 0.01583
32.8653, 3.806, 0.01905
32.8948, 3.821, 0.01349
35.2176, 4.873, 0.01874
35.2507, 4.892, 0.01496
35.2574, 4.884, 0.01636
37.781, 6.214, 0.04046
37.7925, 6.224, 0.04066
37.8273, 6.25, 0.04095
40.4947, 7.878, 0.02876
40.5024, 7.881, 0.02627
40.5395, 7.916, 0.02765
43.4024, 9.923, 0.02736
43.4092, 9.925, 0.02681
43.4462, 9.962, 0.02948
46.5169, 12.4, 0.03188
46.5288, 12.39, 0.06116
46.5672, 12.44, 0.03551
49.8611, 15.39, 0.03507
49.869, 15.42, 0.04592
49.9055, 15.44, 0.04421
53.4448, 18.96, 0.04621
53.4497, 18.97, 0.04593
53.4934, 19.03, 0.05507
57.2893, 23.16, 0.05254
57.2946, 23.15, 0.0884
57.3421, 23.22, 0.05765
61.4144, 28.1, 0.07928
61.4145, 28.04, 0.05546
61.4756, 28.14, 0.6122
65.8314, 33.69, 0.06121
65.8383, 33.7, 0.3527
65.901, 33.8, 0.06864
70.5676, 40.22, 0.6675
70.5709, 40.23, 0.06977
70.6421, 40.36, 0.08421
75.6353, 47.61, 0.393
75.6395, 47.58, 0.1629
75.706, 47.68, 0.09351
81.063, 55.84, 0.0902
81.0652, 55.86, 0.09245
81.1334, 56.02, 0.1145
86.8734, 65.11, 0.1089
86.8789, 65.12, 0.1138
86.9447, 65.25, 0.128
93.1038, 75.11, 0.1342
93.1177, 75.12, 0.1247
93.1911, 75.27, 0.1381
99.8052, 86.22, 0.138
99.8142, 86.2, 0.1387
99.8955, 86.43, 0.2481
106.974, 98.14, 0.1394
106.983, 98.22, 0.1452

107.064, 98.37, 0.1962
114.663, 111.1, 1.011
114.671, 111.2, 0.1791
114.752, 111.4, 0.2356
122.894, 124.8, 0.181
122.908, 124.8, 0.3472
122.98, 125., 0.2246
131.734, 139.3, 0.3445
131.747, 139.2, 0.556
131.811, 139.4, 0.2335
141.216, 154.5, 0.5559
141.23, 154.5, 0.2244
141.288, 154.5, 0.3069
151.353, 170.7, 0.6686
151.362, 170.1, 0.6645
151.402, 170.3, 0.2022
162.214, 186.5, 0.2406
162.237, 186.5, 0.4206
162.256, 186.4, 0.2235
173.875, 203.1, 0.2595
173.894, 203.2, 0.2367
173.911, 203.2, 0.2987
186.358, 219.8, 0.297
186.37, 219.9, 0.2997
186.376, 219.8, 0.3083
199.743, 236.7, 0.3853
199.744, 236.7, 0.3864
199.752, 237., 0.42
214.059, 253.9, 0.3009
214.063, 254., 0.2849
214.082, 254.1, 0.3429
229.37, 271.1, 0.3822
229.397, 271.1, 2.005
229.423, 271.1, 0.4525
245.774, 287.5, 0.3492
245.843, 287.6, 0.3252
245.868, 287.7, 0.3788
263.322, 302.7, 0.2874
263.435, 303., 0.6052
263.449, 303., 0.3557
282.109, 319.1, 0.3195
282.283, 319.5, 1.304
282.292, 319.4, 0.4231
302.501, 335.3, 0.3909
302.509, 335.3, 0.4169
303.129, 337.1, 0.4815

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
Grossular(82-112)_2.txt
5.03998, 0.04517, 0.0000974
5.04081, 0.04512, 0.00009165
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5.38755, 0.04673, 0.0001822
5.3895, 0.04672, 0.0002037
5.77841, 0.04895, 0.0002128
5.77858, 0.04897, 0.0001963
5.78101, 0.04893, 0.0002019
6.19479, 0.05151, 0.0001313
6.19507, 0.05157, 0.0001303
6.1955, 0.05187, 0.0002463
6.65689, 0.05556, 0.0001541
6.65737, 0.05562, 0.0001516
6.65893, 0.05563, 0.0001477
7.1265, 0.06117, 0.0003543
7.12798, 0.0606, 0.0001744
7.1287, 0.06064, 0.0001695
7.64122, 0.06686, 0.0002027
7.64338, 0.06703, 0.0002087
7.64347, 0.06693, 0.000205
8.18894, 0.07495, 0.0002469
8.19109, 0.07504, 0.0002485
8.19125, 0.07499, 0.0002439
8.77844, 0.08542, 0.0002938
8.77938, 0.08529, 0.0003044
8.78008, 0.08539, 0.0002908
9.40818, 0.09748, 0.0003537
9.40938, 0.09754, 0.000365
9.41004, 0.09885, 0.0008096
10.0846, 0.1129, 0.0004382
10.0864, 0.1146, 0.0009707
10.0873, 0.1129, 0.000442
10.81, 0.1321, 0.0005416
10.8102, 0.1342, 0.001218
10.8117, 0.1324, 0.0005366
11.5855, 0.155, 0.0006504
11.5904, 0.1555, 0.0006574
11.5927, 0.1577, 0.001327
12.4218, 0.1843, 0.0006596
12.4235, 0.1867, 0.001567
12.4269, 0.1846, 0.0006726
13.3138, 0.2196, 0.0007332
13.3157, 0.2226, 0.001799
13.3203, 0.2198, 0.0007517
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14.2724, 0.2664, 0.002355
14.277, 0.2626, 0.0009603
15.2933, 0.3162, 0.001189
15.2981, 0.3187, 0.001197
15.2982, 0.3166, 0.001168
16.3945, 0.3865, 0.001411
16.3966, 0.3926, 0.003038
16.4004, 0.3868, 0.001474
17.571, 0.4706, 0.001615
17.574, 0.471, 0.001639
17.5748, 0.4712, 0.001595
18.8314, 0.5772, 0.001977
18.838, 0.5861, 0.005016
18.8397, 0.5811, 0.00212
20.1786, 0.7173, 0.002361
20.1815, 0.7168, 0.002946
20.1848, 0.7175, 0.002359
21.6305, 0.905, 0.006883
21.6366, 0.8935, 0.003221
21.64, 0.9094, 0.006635

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23.1979, 1.127, 0.003846
24.8571, 1.421, 0.00463
24.8621, 1.425, 0.005511
24.865, 1.421, 0.004493
26.6372, 1.805, 0.005623
26.6468, 1.832, 0.01153
26.6497, 1.808, 0.005467
28.5555, 2.331, 0.01391
28.5633, 2.334, 0.01399
28.5738, 2.339, 0.01413
30.61, 2.958, 0.00863
30.6218, 2.964, 0.008394
30.6264, 2.974, 0.01009
32.8072, 3.796, 0.009909
32.8258, 3.845, 0.0199
32.8378, 3.814, 0.01364
35.1753, 4.902, 0.02427
35.1864, 4.878, 0.0135
35.2054, 4.876, 0.01225
37.7149, 6.195, 0.01688
37.7176, 6.249, 0.02725
37.7577, 6.22, 0.01458
40.438, 7.944, 0.03487
40.461, 7.88, 0.01876
40.4769, 7.895, 0.01947
43.3732, 9.947, 0.03399
43.3861, 9.938, 0.02159
43.3874, 9.946, 0.02485
46.5032, 12.43, 0.02637
46.5084, 12.44, 0.0271
46.517, 12.45, 0.03916
49.8501, 15.45, 0.03785
49.8513, 15.45, 0.03638
49.893, 15.5, 0.03305
53.4344, 19.01, 0.03686
53.4351, 19.01, 0.04461
53.4879, 19.08, 0.03918
57.2835, 23.23, 0.04358
57.2845, 23.23, 0.0435
57.3353, 23.31, 0.04899
61.4005, 28.11, 0.05055
61.4023, 28.12, 0.05109
61.4582, 28.21, 0.05843
65.8153, 33.78, 0.05857
65.8169, 33.8, 0.06167
65.8754, 33.89, 0.06875
70.5551, 40.28, 0.07007
70.5551, 40.3, 0.0672
70.6112, 40.4, 0.07849
75.618, 47.62, 0.07942
75.6183, 47.63, 0.07832
75.6781, 47.75, 0.08574
81.0459, 55.84, 0.09373
81.0468, 55.83, 0.08966
81.1054, 55.97, 0.1163
86.8693, 65., 0.1086
86.8734, 65.02, 0.09955
86.9303, 65.16, 0.131
93.0985, 74.98, 0.1149
93.1056, 75.01, 0.1156
93.1586, 75.1, 0.1125
99.81, 86.14, 0.1335
99.8205, 86.19, 0.1313
99.8608, 86.23, 0.1484
106.971, 98.14, 0.1435
106.983, 98.15, 0.1457

107.028, 98.21, 0.1433
114.659, 111.2, 0.1564
114.672, 111.2, 0.1682
114.72, 111.4, 0.1754
122.888, 124.9, 0.1637
122.902, 124.9, 0.1713
122.959, 125., 0.1606
131.719, 139.2, 0.1847
131.732, 139.3, 0.1875
131.784, 139.3, 0.1719
141.178, 154.3, 0.1889
141.195, 154.4, 0.2042
141.231, 154.5, 0.1874
151.318, 170.1, 0.2104
151.331, 170.2, 0.2403
151.368, 170.1, 0.2003
162.188, 186.8, 0.2216
162.202, 186.7, 0.233
162.232, 186.8, 0.2181
173.837, 202.9, 0.2286
173.851, 202.9, 0.2575
173.872, 203., 0.2465
186.345, 219.5, 0.2731
186.356, 219.6, 0.2635
186.376, 219.6, 0.2899
199.724, 236.6, 0.2637
199.727, 236.8, 0.3029
199.74, 236.7, 0.3683
214.048, 253.6, 0.2746
214.052, 253.8, 0.3093
214.063, 253.7, 0.328
229.387, 270.6, 0.3408
229.4, 270.6, 0.2958
229.404, 270.7, 0.3135
245.808, 287.7, 0.5203
245.854, 287.5, 0.303
245.856, 287.5, 0.3376
263.344, 303.5, 0.4238
263.45, 303.5, 0.3405
263.455, 303.5, 0.3266
282.133, 319., 0.3434
282.295, 319.2, 0.4286
282.305, 319.2, 0.3655
302.544, 334.8, 0.4045
302.551, 334.6, 0.3683
303.144, 335.1, 0.321

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
Grossular(82-112)_3.txt
5.04736, 0.04615, 0.0002959
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5.4113, 0.04752, 0.0004653
5.41135, 0.04774, 0.0003666
5.41156, 0.04728, 0.0003433
5.80315, 0.05024, 0.0002998
5.80333, 0.04993, 0.0003154
5.80542, 0.05021, 0.0002857
6.21869, 0.05343, 0.0003254
6.22008, 0.05332, 0.0003111
6.22042, 0.05333, 0.0003756
6.68022, 0.0576, 0.0003816
6.68048, 0.05736, 0.0003892
6.68236, 0.05758, 0.0003802
7.13939, 0.06273, 0.000526
7.14042, 0.06286, 0.0004868
7.14095, 0.06287, 0.0004921
7.65239, 0.06975, 0.0007981
7.65402, 0.06965, 0.000799
7.65428, 0.0699, 0.0008054
8.20129, 0.07802, 0.001603
8.2028, 0.07809, 0.001599
8.20392, 0.07881, 0.001526
8.79191, 0.08795, 0.004791
8.79467, 0.08848, 0.004826
8.7949, 0.08772, 0.004849
9.41827, 0.1017, 0.009732
9.42068, 0.1004, 0.009662
9.42275, 0.1014, 0.009651
10.0958, 0.1185, 0.001136
10.097, 0.1173, 0.0006271
10.0996, 0.1172, 0.0006461
10.8255, 0.1369, 0.001584
10.8278, 0.1367, 0.001581
10.8297, 0.1369, 0.001578
11.5997, 0.1612, 0.0007375
11.6022, 0.1611, 0.0007261
11.6035, 0.1611, 0.0007245
12.4291, 0.1903, 0.0009281
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12.4339, 0.1907, 0.0009412
13.3186, 0.2266, 0.001211
13.3216, 0.2271, 0.001203
13.3219, 0.2271, 0.00121
14.273, 0.2742, 0.00263
14.2749, 0.2741, 0.002656
14.2761, 0.271, 0.001365
15.2934, 0.3296, 0.003346
15.2976, 0.3306, 0.003403
15.3004, 0.3298, 0.003419
16.3902, 0.3984, 0.004873
16.3933, 0.3986, 0.00476
16.395, 0.3994, 0.004726
17.5676, 0.4824, 0.004262
17.5721, 0.4631, 0.2096
17.5764, 0.4837, 0.003091
18.8311, 0.5913, 0.004542
18.8375, 0.5926, 0.003305
18.8385, 0.5916, 0.003379
20.1689, 0.7279, 0.004071
20.1737, 0.7318, 0.003992
20.1804, 0.7281, 0.003967
21.624, 0.9081, 0.07863
21.6259, 0.9087, 0.005357
21.6336, 0.9104, 0.006119

23.1778, 1.147, 0.01836
23.1789, 1.155, 0.02128
23.1887, 1.141, 0.006723
24.8446, 1.437, 0.007246
24.8476, 1.442, 0.008285
24.8575, 1.438, 0.007929
26.6345, 1.828, 0.006493
26.6392, 1.835, 0.009318
26.6448, 1.83, 0.00698
28.5467, 2.329, 0.008578
28.5541, 2.338, 0.01021
28.5598, 2.336, 0.01509
30.5949, 2.977, 0.01196
30.6092, 2.988, 0.01281
30.6097, 2.98, 0.00989
32.7924, 3.803, 0.01233
32.7996, 3.811, 0.01508
32.826, 3.822, 0.02283
35.1472, 4.862, 0.01674
35.1534, 4.865, 0.02136
35.2102, 4.892, 0.01483
37.6786, 6.197, 0.08482
37.6884, 6.192, 0.01914
37.7523, 6.226, 0.01908
40.383, 7.876, 0.02989
40.4354, 7.886, 0.02195
40.4761, 7.914, 0.02062
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43.3841, 9.938, 0.03486
43.4168, 9.967, 0.03828
46.4935, 12.43, 0.2857
46.5011, 12.44, 0.03399
46.5385, 12.48, 0.03677
49.8364, 15.41, 0.2323
49.8412, 15.42, 0.07027
49.8851, 15.48, 0.0853
53.4202, 18.97, 0.0501
53.4218, 18.98, 0.05027
53.4644, 19.1, 0.06662
57.265, 23.44, 0.3319
57.3157, 24.13, 3.503
57.3499, 23.29, 0.07228
61.3929, 28.07, 0.05915
61.3951, 28.09, 0.06154
61.4618, 28.18, 0.06059
65.815, 33.73, 0.1934
65.8176, 33.74, 0.06706
65.8947, 33.88, 0.09111
70.5462, 40.25, 0.07966
70.5492, 40.25, 0.08037
70.6239, 40.4, 0.09757
75.616, 47.6, 0.1121
75.6183, 47.64, 0.08947
75.6932, 47.79, 0.1057
81.0418, 55.93, 0.09558
81.0439, 55.95, 0.1053
81.1095, 56.07, 0.1264
86.8493, 64.81, 1.634
86.8637, 65.16, 0.1187
86.9414, 65.28, 0.1234
93.092, 75.16, 0.1284
93.1103, 75.17, 0.1228
93.1774, 75.34, 0.2868
99.811, 86.37, 0.7768
99.8147, 86.33, 0.1435
99.891, 86.47, 0.1443
106.974, 98.31, 1.205
106.985, 98.31, 0.1608

107.07, 98.52, 0.493
114.662, 111.3, 0.2316
114.676, 111.3, 0.1723
114.75, 111.4, 1.185
122.897, 124.9, 0.183
122.908, 125.1, 0.3011
122.987, 125.2, 0.2375
131.726, 138.2, 2.322
131.743, 139.4, 0.1988
131.809, 139.4, 0.2211
141.21, 154.6, 1.405
141.225, 154.6, 2.324
141.281, 154.7, 0.2279
151.343, 170.4, 0.2097
151.359, 170.4, 0.2227
151.397, 170.4, 0.2173
162.211, 186.6, 0.2412
162.232, 186.5, 0.2478
162.25, 186.6, 0.2191
173.872, 203.2, 0.2405
173.889, 203.2, 0.255
173.9, 203.2, 0.3548
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186.381, 219.9, 0.2587
186.387, 219.9, 0.3565
199.744, 236.9, 0.2687
199.755, 236.9, 0.3235
199.759, 236.9, 0.3487
214.062, 253.9, 0.3212
214.068, 253.9, 0.3025
214.092, 253.7, 0.5546
229.378, 270.8, 0.3043
229.407, 270.9, 0.3074
229.432, 270.8, 0.3735
245.794, 287.7, 0.3052
245.86, 288., 0.5069
245.881, 287.9, 0.3677
263.336, 303.7, 0.3679
263.451, 303.8, 0.3851
263.466, 303.7, 0.3953
282.13, 319.5, 0.4066
282.311, 319.6, 0.3916
282.317, 320., 0.4382
302.532, 335.4, 0.7916
302.535, 335.3, 0.8854
303.055, 335.7, 0.4196

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
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5.42427, 0.2703, 0.004047
5.42973, 0.2698, 0.001626
5.81083, 0.2735, 0.001596
5.81705, 0.2731, 0.002514
5.82177, 0.2757, 0.00136
6.22455, 0.2819, 0.001086
6.23297, 0.2795, 0.002243
6.23566, 0.2829, 0.002634
6.68852, 0.2921, 0.001529
6.69294, 0.2913, 0.001865
6.69485, 0.2929, 0.001868
7.1426, 0.3064, 0.01438
7.15279, 0.3047, 0.002427
7.15424, 0.3083, 0.00881
7.6552, 0.3223, 0.01366
7.66409, 0.3197, 0.002647
7.665, 0.3222, 0.008641
8.2022, 0.3374, 0.009197
8.21164, 0.3386, 0.008006
8.21304, 0.3465, 0.0288
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8.79267, 0.3622, 0.01136
8.80572, 0.3639, 0.01853
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9.42989, 0.3909, 0.01016
9.43472, 0.3809, 0.02954
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10.8361, 0.4649, 0.02858
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12.4382, 0.5365, 0.004407
12.4424, 0.5382, 0.004611
13.3248, 0.5899, 0.004916
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13.3325, 0.5899, 0.004941
14.2808, 0.655, 0.002468
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15.3084, 0.7308, 0.004412
15.3125, 0.7302, 0.004434
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16.4051, 0.8208, 0.005661
16.4087, 0.8214, 0.005697
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17.5811, 0.9298, 0.003434
17.5856, 0.9286, 0.004023
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18.844, 1.061, 0.005164
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20.2018, 1.23, 0.005206
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21.642, 1.432, 0.006719
21.6552, 1.434, 0.006431

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37.7939, 7.096, 0.02514
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40.504, 8.808, 0.02487
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46.5391, 13.42, 0.04764
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53.4198, 20.01, 0.0623
53.4254, 20.03, 0.06232
53.4712, 20.08, 0.07133
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57.2682, 24.27, 0.07811
57.3218, 24.28, 0.1353
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61.458, 29.33, 0.08335
65.8102, 34.86, 0.06575
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65.879, 34.99, 0.09065
70.5401, 41.44, 0.08373
70.5442, 41.44, 0.08348
70.6107, 41.54, 0.08958
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75.6161, 48.87, 0.09952
75.6851, 48.99, 0.1071
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81.0426, 57.17, 0.1078
81.1068, 57.32, 0.1888
86.8494, 66.42, 0.2432
86.8605, 66.4, 0.1242
86.9347, 66.53, 0.3252
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93.0947, 76.46, 0.1506
93.1769, 76.25, 0.5872
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99.7867, 87.57, 0.1727
99.8706, 87.79, 0.1839
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106.956, 99.53, 0.1784

107.041, 99.67, 0.1968
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114.645, 112.5, 0.2305
114.729, 112.7, 0.2034
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122.882, 126., 0.777
122.956, 126.3, 0.2404
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131.721, 140.5, 0.2853
131.785, 140.6, 0.7017
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141.196, 156.5, 2.745
141.259, 155.9, 0.2933
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151.319, 171.3, 0.576
151.369, 171.6, 0.2208
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162.185, 187.5, 0.2264
162.223, 187.5, 0.203
173.817, 204., 0.251
173.837, 204.1, 0.2671
173.853, 204.2, 0.3287
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186.338, 220.9, 0.3333
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199.686, 237.5, 0.2833
199.692, 237.7, 0.3497
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213.98, 254.6, 0.4863
213.996, 254.6, 0.4438
229.28, 271.2, 0.7162
229.308, 271., 0.6097
229.322, 271.4, 0.7492
245.654, 287.8, 0.4233
245.731, 288., 0.452
245.745, 288.1, 0.4694
263.17, 303.3, 0.4482
263.308, 303.4, 0.5325
263.31, 303.8, 0.5669
281.947, 318.1, 0.961
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282.153, 319., 0.7078
302.332, 334.2, 0.402
302.34, 334.4, 0.6775
302.34, 334.4, 0.7052

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
Grossular(44091)_2.txt
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5.39364, 0.2667, 0.0003427
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5.78289, 0.2729, 0.0002972
5.78626, 0.2724, 0.0003061
6.18737, 0.2796, 0.0003668
6.19534, 0.28, 0.0003172
6.19909, 0.28, 0.0003003
6.65151, 0.2894, 0.0004207
6.65545, 0.2894, 0.0003515
6.65735, 0.2892, 0.000328
7.12381, 0.3011, 0.0004298
7.12939, 0.3014, 0.0003873
7.13194, 0.3012, 0.0003708
7.636, 0.3154, 0.0004808
7.64107, 0.3155, 0.0004254
7.64345, 0.3157, 0.0004455
8.18518, 0.3335, 0.0005229
8.18997, 0.3338, 0.0004718
8.19301, 0.3339, 0.0004711
8.77356, 0.3551, 0.0006124
8.77901, 0.355, 0.00054
8.78107, 0.3554, 0.0005278
9.40358, 0.379, 0.0006977
9.40755, 0.3794, 0.0006404
9.41016, 0.3793, 0.0006087
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10.0856, 0.4081, 0.0007016
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16.3922, 0.8017, 0.00153
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17.5676, 0.9085, 0.00182
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21.6273, 1.404, 0.004212
21.6332, 1.416, 0.005414

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35.1777, 5.617, 0.02207
35.2071, 5.642, 0.01156
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37.7223, 7.002, 0.01992
37.7459, 7.025, 0.01506
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43.3632, 10.83, 0.0244
43.397, 10.86, 0.0276
46.4782, 13.35, 0.02577
46.4856, 13.37, 0.02875
46.5056, 13.39, 0.04428
49.8263, 16.41, 0.03079
49.8286, 16.41, 0.03042
49.8747, 16.47, 0.03185
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53.412, 20.01, 0.03602
53.4671, 20.09, 0.03953
57.2593, 24.28, 0.04221
57.2599, 24.28, 0.04188
57.3133, 24.36, 0.04781
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61.3787, 29.2, 0.04979
61.4414, 29.31, 0.06332
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65.7924, 34.89, 0.05791
65.8526, 35.01, 0.06349
70.525, 41.43, 0.06935
70.5274, 41.43, 0.06594
70.5815, 41.67, 0.09604
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75.5925, 48.81, 0.07701
75.6626, 48.95, 0.08584
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81.0219, 57.07, 0.09043
81.0853, 57.18, 0.09013
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86.8472, 66.21, 0.09824
86.9103, 66.38, 0.1177
93.0811, 76.23, 0.1177
93.094, 76.25, 0.1156
93.1568, 76.36, 0.107
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99.7806, 87.36, 0.1267
99.8449, 87.47, 0.1202
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106.945, 99.39, 0.1385

107.014, 99.55, 0.1371
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114.642, 112.5, 0.1581
114.715, 112.6, 0.1407
122.859, 126.1, 0.1607
122.871, 126.1, 0.168
122.942, 126.2, 0.1611
131.684, 140.3, 0.1652
131.695, 140.4, 0.1798
131.768, 140.5, 0.1714
141.14, 155.5, 0.1842
141.147, 155.6, 0.1929
141.214, 155.7, 0.1798
151.258, 171.1, 0.1794
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151.335, 171.2, 0.2012
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162.197, 187.9, 0.2193
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173.781, 203.9, 0.225
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186.309, 220.5, 0.2699
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213.955, 254.3, 0.2356
213.98, 254.4, 0.3692
229.271, 271., 0.3493
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245.66, 287.8, 0.3432
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245.724, 287.9, 0.2739
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263.297, 303.7, 0.2994
263.297, 303.7, 0.2823
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282.127, 319.1, 0.3067
282.133, 319.3, 0.562
302.364, 334., 0.3213
302.369, 334.3, 0.5675
302.375, 334., 0.6083

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
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9.44355, 0.3793, 0.002615
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61.3877, 29.14, 0.05862
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81.1175, 57.26, 0.1333
86.8427, 66.37, 0.1475
86.8488, 66.31, 0.156
86.9251, 66.53, 0.1709
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93.0837, 76.33, 0.2639
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99.8569, 87.75, 0.1611
106.941, 99.52, 0.2177
106.954, 99.64, 0.3069

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122.96, 126.5, 0.1948
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141.194, 156., 0.3136
141.262, 155.9, 0.2227
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213.994, 254.6, 0.2713
214.002, 254.7, 0.3002
214.003, 254.7, 0.3609
229.291, 271.3, 0.3819
229.317, 271.4, 0.2828
229.335, 271.3, 0.2808
245.679, 288.3, 0.2955
245.755, 288.2, 0.2884
245.762, 288.3, 0.3155
263.21, 303.7, 0.3376
263.333, 304.2, 0.5182
263.339, 304.4, 0.3582
281.986, 319.4, 0.3059
282.165, 319.5, 0.32
282.169, 319.4, 0.6119
302.338, 334.5, 0.4135
302.354, 334.8, 0.4612
302.362, 334.5, 1.692

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
Grossular(Gr1-1)_1.txt
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5.02768, 0.04105, 0.0001321
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5.38782, 0.04336, 0.000172
5.38957, 0.04344, 0.0001646
5.77862, 0.04633, 0.000177
5.78065, 0.04617, 0.0001032
5.7811, 0.0464, 0.0001631
6.19245, 0.05053, 0.0002101
6.19336, 0.0505, 0.0002177
6.19473, 0.05057, 0.0002136
6.65792, 0.0562, 0.0002442
6.65869, 0.05619, 0.0002385
6.66017, 0.05632, 0.0002545
7.12934, 0.06325, 0.0002859
7.13029, 0.06326, 0.0002853
7.13147, 0.06332, 0.0002976
7.64035, 0.07194, 0.0003671
7.6419, 0.07193, 0.0003763
7.64273, 0.07204, 0.000387
8.19088, 0.08286, 0.0004476
8.19229, 0.08297, 0.0004286
8.19311, 0.08295, 0.0004735
8.7793, 0.09668, 0.0005468
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8.78233, 0.09661, 0.0005518
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9.41126, 0.1125, 0.0006446
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10.8152, 0.1563, 0.0009923
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11.5923, 0.1846, 0.001171
11.5932, 0.1846, 0.00107
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12.4249, 0.219, 0.001257
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13.3178, 0.2607, 0.001531
13.3213, 0.261, 0.001547
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14.274, 0.3106, 0.001876
14.2787, 0.3106, 0.001879
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16.402, 0.4488, 0.002691
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17.5741, 0.5417, 0.003422
17.577, 0.5418, 0.003426
18.8341, 0.6573, 0.004202
18.8357, 0.6582, 0.004215
18.8425, 0.6605, 0.003874
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21.6389, 0.9975, 0.005921
21.641, 0.9939, 0.006191

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35.1901, 5.026, 0.0131
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37.7265, 6.365, 0.01561
37.7289, 6.356, 0.01745
37.7642, 6.38, 0.01421
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40.4841, 8.058, 0.01946
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43.3899, 10.11, 0.02166
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49.8928, 15.74, 0.04933
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53.4416, 19.19, 0.03741
53.4971, 19.27, 0.03835
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57.2886, 23.4, 0.04345
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61.4711, 28.4, 0.05955
65.8204, 33.96, 0.06083
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65.8885, 34.09, 0.06964
70.5627, 40.45, 0.06765
70.5651, 40.45, 0.06878
70.6308, 40.57, 0.07731
75.63, 47.83, 0.0782
75.6331, 47.85, 0.07802
75.6941, 47.96, 0.0895
81.0572, 56.02, 0.08956
81.0603, 56.05, 0.09041
81.1247, 56.19, 0.09905
86.8788, 65.14, 0.09911
86.8831, 65.16, 0.1038
86.9472, 65.31, 0.1085
93.1126, 75.15, 0.1168
93.1202, 75.15, 0.1204
93.1994, 75.31, 0.12
99.8223, 86.26, 0.1255
99.8324, 86.25, 0.1304
99.8893, 86.4, 0.1313
106.994, 98.24, 0.1484
107.005, 98.32, 0.1494

107.064, 98.41, 0.146
114.682, 111.3, 0.155
114.691, 111.3, 0.1633
114.75, 111.4, 0.1511
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122.927, 125., 0.1769
122.992, 125., 0.1696
131.742, 139.3, 0.1798
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131.817, 139.4, 0.1845
141.201, 154.4, 0.1967
141.215, 154.4, 0.2007
141.267, 154.5, 0.2333
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151.397, 170.1, 0.2479
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162.223, 186.8, 0.2347
162.262, 186.7, 0.2123
173.857, 202.7, 0.22
173.869, 202.8, 0.2543
173.902, 202.9, 0.319
186.367, 219.3, 0.2406
186.38, 219.3, 0.2519
186.403, 219.3, 0.2392
199.748, 236.4, 0.2829
199.752, 236.4, 0.2752
199.768, 236.4, 0.2533
214.076, 253.2, 0.2783
214.083, 253.4, 0.3048
214.098, 253.4, 0.3021
229.421, 270.1, 0.3313
229.431, 270., 0.2646
229.432, 270.1, 0.3166
245.829, 286.9, 0.4524
245.883, 286.9, 0.3181
245.887, 286.9, 0.3253
263.376, 302.9, 0.3466
263.488, 302.9, 0.3106
263.492, 303., 0.3563
282.178, 318.3, 0.3374
282.341, 318.6, 0.3555
282.347, 318.8, 0.3637
302.599, 333.9, 0.6071
302.603, 333.8, 0.3344
303.191, 333.8, 0.3017

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
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5.38618, 0.04281, 0.0000966
5.3876, 0.04286, 0.00009545
5.77435, 0.04608, 0.0001796
5.77602, 0.04588, 0.00009097
5.77667, 0.04578, 0.0001061
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6.19022, 0.05022, 0.0002156
6.65009, 0.05577, 0.0002485
6.65115, 0.05545, 0.0001309
6.65238, 0.05585, 0.0002559
7.12663, 0.06242, 0.0001435
7.12822, 0.06247, 0.0001431
7.12841, 0.06244, 0.0001477
7.63635, 0.07134, 0.0003871
7.63887, 0.07094, 0.0001628
7.63898, 0.0715, 0.0003682
8.18724, 0.0819, 0.0002274
8.18853, 0.08177, 0.000223
8.18966, 0.08183, 0.0002248
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8.77778, 0.09523, 0.0002623
8.77783, 0.09523, 0.0002727
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9.4059, 0.1116, 0.0006876
9.40853, 0.111, 0.0003257
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16.3955, 0.4427, 0.001279
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17.5727, 0.54, 0.003483
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18.8292, 0.6482, 0.001886
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26.6406, 1.925, 0.005324
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28.564, 2.442, 0.007201
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30.605, 3.091, 0.008031
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32.8014, 3.938, 0.009656
32.82, 3.948, 0.01137
32.8333, 3.944, 0.01459
35.1675, 5.002, 0.01462
35.1773, 5.022, 0.01289
35.2031, 5.021, 0.01278
37.7091, 6.356, 0.01615
37.718, 6.394, 0.02659
37.7427, 6.368, 0.01453
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40.4487, 8.086, 0.03037
40.4577, 8.049, 0.01997
43.369, 10.13, 0.03029
43.3696, 10.11, 0.02117
43.3702, 10.11, 0.02551
46.489, 12.6, 0.02595
46.4924, 12.6, 0.02938
46.5281, 12.64, 0.02988
49.8336, 15.6, 0.03712
49.8369, 15.6, 0.03748
49.883, 15.65, 0.03186
53.4183, 19.17, 0.03695
53.4202, 19.18, 0.04571
53.4716, 19.25, 0.0391
57.2659, 23.4, 0.04378
57.2665, 23.39, 0.04324
57.3252, 23.48, 0.05213
61.3871, 28.28, 0.05152
61.3879, 28.29, 0.05153
61.4487, 28.4, 0.06194
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65.8003, 33.96, 0.05879
65.8641, 34.07, 0.06853
70.5398, 40.44, 0.06901
70.5404, 40.43, 0.06623
70.5959, 40.55, 0.0804
75.6025, 47.8, 0.08252
75.6065, 47.81, 0.07771
75.6652, 47.89, 0.08533
81.0298, 55.99, 0.09183
81.0347, 56.03, 0.09238
81.0949, 56.13, 0.09647
86.8721, 65.15, 0.1027
86.8762, 65.14, 0.1014
86.9365, 65.26, 0.1168
93.1154, 75.16, 0.1149
93.12, 75.18, 0.1191
93.1777, 75.27, 0.1125
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99.8676, 86.32, 0.1252
106.965, 98.25, 0.1396
106.976, 98.27, 0.1438

107.034, 98.35, 0.1381
114.651, 111.3, 0.1548
114.664, 111.3, 0.1603
114.721, 111.4, 0.1516
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122.902, 124.9, 0.1697
122.964, 125.1, 0.1654
131.716, 139.2, 0.1702
131.726, 139.3, 0.1779
131.787, 139.4, 0.1869
141.18, 154.4, 0.1909
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141.242, 154.5, 0.2321
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151.366, 170., 0.1842
162.176, 186.6, 0.2106
162.188, 186.7, 0.2285
162.232, 186.7, 0.1936
173.823, 202.7, 0.2352
173.838, 202.6, 0.2533
173.869, 202.9, 0.2236
186.325, 219.4, 0.2308
186.334, 219.4, 0.2453
186.355, 219.3, 0.2513
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199.715, 236.3, 0.2654
199.727, 236.3, 0.2602
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214.045, 253.2, 0.3031
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229.386, 270., 0.3036
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245.835, 286.7, 0.2927
245.836, 286.9, 0.328
263.325, 302.6, 0.4607
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263.433, 302.6, 0.3212
282.117, 318.3, 0.398
282.279, 318.3, 0.3691
282.286, 318.3, 0.3506
302.527, 333.7, 0.3634
302.53, 333.8, 0.6166
303.136, 334.4, 0.2991

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
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7.14797, 0.06335, 0.0004793
7.65847, 0.07175, 0.0003637
7.65908, 0.0718, 0.000377
7.66046, 0.07185, 0.0003605
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8.20775, 0.08258, 0.000694
8.20989, 0.083, 0.0006672
8.79453, 0.09632, 0.001138
8.79559, 0.09726, 0.001164
8.79773, 0.09667, 0.001158
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9.42618, 0.1121, 0.0007493
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10.8327, 0.1561, 0.0007118
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16.4038, 0.4472, 0.002467
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21.6304, 0.9844, 0.00666
21.6368, 0.983, 0.007531

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46.5367, 12.61, 0.03625
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49.8412, 15.57, 0.04054
49.8826, 15.61, 0.04309
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53.4228, 19.12, 0.05062
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57.3271, 23.39, 0.05584
61.3871, 28.22, 0.06616
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70.5471, 40.4, 0.07301
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75.6889, 47.9, 0.1059
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81.0464, 56.05, 0.09336
81.1252, 56.19, 0.1039
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86.8548, 65.24, 0.1062
86.9278, 65.42, 0.1247
93.0732, 75.23, 0.3056
93.0854, 74.82, 1.334
93.1773, 75.38, 0.1496
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99.7982, 86.35, 0.3213
99.8813, 86.53, 0.223
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106.972, 98.38, 0.1902

107.053, 98.55, 0.1882
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114.666, 111.3, 0.1755
114.748, 111.5, 0.2128
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122.98, 125.1, 0.2263
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151.357, 170.2, 0.2335
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162.23, 186.3, 0.2952
162.25, 186.2, 0.2673
173.853, 202.7, 0.2392
173.872, 202.8, 0.2503
173.878, 202.8, 0.2551
186.351, 219.6, 0.2878
186.367, 219.6, 0.2775
186.371, 219.5, 0.2997
199.735, 236.4, 0.2978
199.746, 236.5, 0.2907
199.751, 236.5, 0.3105
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214.063, 253.4, 0.2873
214.081, 253.3, 0.3297
229.365, 270.1, 0.3032
229.399, 270.2, 0.3095
229.418, 270., 0.326
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245.841, 287., 0.3668
245.865, 287.1, 0.3465
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263.435, 302.7, 0.3371
263.439, 302.8, 0.3713
282.103, 318.1, 0.34
282.28, 318.5, 0.4312
282.303, 318.7, 0.7291
302.507, 334., 0.5035
302.508, 333.8, 0.4443
303.058, 334.5, 0.3444

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
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5.42308, 0.04168, 0.00103
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5.81396, 0.04558, 0.00112
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6.22758, 0.05036, 0.0005785
6.6884, 0.05762, 0.000722
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7.14044, 0.06608, 0.006395
7.14399, 0.06588, 0.001652
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7.65806, 0.07614, 0.002082
7.65824, 0.07758, 0.00224
7.66117, 0.07705, 0.002474
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8.79932, 0.1169, 0.0098
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11.6051, 0.2137, 0.00276
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13.3297, 0.3071, 0.03107
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21.6424, 1.07, 0.03441

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37.6485, 6.437, 0.07579
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49.8737, 15.77, 0.2014
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70.5606, 40.27, 0.1672
70.6368, 40.47, 0.1715
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75.6353, 47.63, 0.1756
75.6969, 47.75, 0.2861
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81.0562, 55.91, 0.1911
81.1542, 57.27, 1.127
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86.887, 65.08, 0.3601
86.967, 65.22, 0.2526
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93.1216, 74.93, 0.3867
93.2025, 75.28, 0.3136
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99.9017, 86.29, 0.2943
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106.996, 97.88, 0.3142

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114.706, 111.8, 0.9387
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131.786, 137.9, 1.777
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141.253, 155., 1.335
141.286, 154.6, 1.208
151.378, 169.4, 0.79
151.407, 169.6, 0.699
151.414, 169.7, 0.658
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162.262, 185., 0.7945
162.282, 185.4, 0.8448
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173.924, 202.5, 0.8915
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186.451, 219.6, 1.097
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199.841, 235.6, 1.13
214.098, 252., 1.19
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214.19, 252.9, 1.022
229.397, 269.1, 1.92
229.508, 269.8, 1.197
229.522, 269.5, 1.307
245.81, 285.9, 2.581
245.924, 287., 1.828
245.952, 287.2, 2.762
263.375, 301.6, 3.079
263.54, 301.8, 2.499
263.579, 302.1, 2.136
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282.412, 320.3, 3.822
302.615, 334.5, 3.151
302.625, 333.2, 3.592
303.154, 335.1, 2.278

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
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5.38747, 0.03935, 0.0001514
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5.77978, 0.04278, 0.0001534
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6.19315, 0.04737, 0.0001793
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6.65513, 0.05373, 0.0002654
6.65773, 0.05386, 0.000212
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7.12923, 0.06197, 0.0002494
7.13121, 0.06207, 0.0002513
7.6386, 0.07268, 0.0006845
7.64044, 0.072, 0.0002715
7.64201, 0.07279, 0.0006881
8.1886, 0.08454, 0.0003155
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8.19231, 0.08587, 0.000798
8.77763, 0.09995, 0.0004448
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16.3993, 0.4826, 0.002142
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17.574, 0.5843, 0.002633
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26.6374, 1.997, 0.01043
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35.1692, 5.072, 0.01857
35.1752, 5.144, 0.03479
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37.6995, 6.405, 0.02022
37.7135, 6.405, 0.02171
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40.4254, 8.084, 0.02487
40.4585, 8.161, 0.04983
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43.3489, 10.11, 0.03346
43.379, 10.14, 0.02894
46.492, 12.61, 0.0344
46.4942, 12.62, 0.03569
46.5023, 12.62, 0.03659
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49.8647, 15.65, 0.04459
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53.436, 19.16, 0.04926
53.4837, 19.22, 0.04767
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57.3369, 23.42, 0.05836
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61.4001, 28.2, 0.07928
61.4587, 28.29, 0.0769
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65.8894, 33.97, 0.1116
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70.5548, 40.36, 0.1083
70.6224, 40.43, 0.1229
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75.6094, 47.8, 0.1454
75.6849, 47.74, 0.1192
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81.0461, 55.74, 0.1176
81.1152, 55.9, 0.1421
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86.8733, 64.82, 0.1398
86.9465, 65.01, 0.172
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93.1276, 74.77, 0.151
93.1897, 74.94, 0.1955
99.82, 85.78, 0.1702
99.8288, 85.78, 0.2094
99.8743, 85.95, 0.1969
106.988, 97.71, 0.2005
106.995, 97.72, 0.1911

107.044, 97.84, 0.2221
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114.689, 110.7, 0.2144
114.733, 110.8, 0.2404
122.916, 124.2, 0.2333
122.921, 124.2, 0.2317
122.967, 124.3, 0.2528
131.749, 138.4, 0.2705
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162.238, 185.8, 0.3612
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173.888, 201.6, 0.3283
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186.413, 218.2, 0.4421
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214.117, 251.9, 0.4401
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263.584, 301.6, 0.5318
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282.439, 316.9, 0.5893
282.453, 316.6, 0.58
302.547, 333.5, 0.5841
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303.139, 334., 0.6038

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
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21.6321, 1.061, 0.003993

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61.4544, 28.32, 0.05892
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81.1095, 55.97, 0.1308
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86.9298, 65.21, 0.1283
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122.938, 124.6, 0.523
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131.745, 138.7, 0.1813
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151.323, 169.5, 0.2043
151.344, 169., 1.372
151.345, 169.7, 0.2044
162.21, 185.5, 0.1983
162.217, 185.5, 0.202
162.229, 185.6, 0.2308
173.863, 201.9, 0.1994
173.867, 202.1, 0.8151
173.88, 202., 0.2449
186.363, 218.6, 0.2143
186.368, 218.7, 0.2418
186.387, 218., 0.8117
199.745, 235.5, 0.2116
199.756, 235.6, 0.2312
199.78, 235.5, 0.386
214.082, 251.5, 2.198
214.096, 252.1, 1.758
214.119, 252.3, 0.2936
229.416, 269., 0.2419
229.461, 269.1, 0.5033
229.477, 268.9, 0.3143
245.803, 285.5, 0.4307
245.884, 285.8, 0.3171
245.903, 285.6, 0.3338
263.402, 301.7, 0.2974
263.497, 301.4, 0.2765
263.523, 301.7, 0.6194
282.226, 316.8, 0.2766
282.41, 317.1, 0.2908
282.412, 317.3, 0.5002
302.625, 332.5, 0.5295
302.635, 332.4, 0.5466
303.058, 332.4, 0.6662

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
Grossular(Gr-LK)_4.txt
5.05461, 0.034, 0.0001557
5.05513, 0.03419, 0.0001854
5.05653, 0.03406, 0.0001803
5.42199, 0.03698, 0.0001695
5.42857, 0.03687, 0.0001662
5.43432, 0.03721, 0.000173
5.80939, 0.04073, 0.000127
5.81072, 0.04066, 0.0001228
5.81112, 0.04082, 0.0001228
6.22311, 0.04634, 0.000219
6.22613, 0.04612, 0.0001471
6.22643, 0.04601, 0.0001577
6.68579, 0.05316, 0.0001885
6.68681, 0.05309, 0.0001932
6.68846, 0.05306, 0.0001732
7.14375, 0.06133, 0.0002345
7.14534, 0.06137, 0.0001951
7.14545, 0.06135, 0.0002333
7.65744, 0.07193, 0.0004233
7.65893, 0.07203, 0.0004106
7.65932, 0.07184, 0.0005466
8.20494, 0.08515, 0.0003462
8.20802, 0.08544, 0.000325
8.20824, 0.08551, 0.0003359
8.7926, 0.1014, 0.002162
8.79569, 0.1017, 0.000701
8.7976, 0.1022, 0.001332
9.42486, 0.1208, 0.0006074
9.4274, 0.1205, 0.0005624
9.4275, 0.1208, 0.0005528
10.1, 0.1443, 0.0006342
10.1017, 0.1442, 0.0006422
10.1018, 0.1438, 0.0006674
10.8289, 0.1718, 0.0005648
10.8318, 0.1721, 0.0005755
10.832, 0.1721, 0.0007597
11.6023, 0.2045, 0.0007291
11.6066, 0.2049, 0.0007223
11.6067, 0.2051, 0.005449
12.433, 0.243, 0.001061
12.436, 0.2432, 0.0009103
12.4373, 0.2432, 0.0009004
13.3224, 0.289, 0.001117
13.3257, 0.2902, 0.001063
13.3271, 0.2899, 0.001105
14.2793, 0.3453, 0.00159
14.2829, 0.3455, 0.001356
14.2833, 0.3453, 0.00165
15.3033, 0.4111, 0.00133
15.3071, 0.4112, 0.001362
15.3079, 0.4111, 0.001332
16.3993, 0.4927, 0.001898
16.4046, 0.4916, 0.001819
16.4053, 0.4945, 0.00166
17.575, 0.595, 0.00687
17.5798, 0.5929, 0.002457
17.5821, 0.5944, 0.002402
18.8369, 0.7114, 0.00385
18.841, 0.7151, 0.002923
18.8413, 0.714, 0.003059
20.1843, 0.8672, 0.003757
20.1852, 0.8702, 0.003266
20.1963, 0.8694, 0.003446
21.6363, 1.059, 0.004183
21.6383, 1.063, 0.004233
21.6469, 1.061, 0.003993

23.1867, 1.346, 0.09123
23.1934, 1.304, 0.005182
23.2008, 1.309, 0.004831
24.8575, 1.625, 0.00766
24.8608, 1.623, 0.006201
24.8686, 1.624, 0.007236
26.6474, 2.023, 0.006208
26.6478, 2.021, 0.009513
26.6599, 2.024, 0.005409
28.5614, 2.539, 0.007969
28.5686, 2.544, 0.008538
28.5755, 2.542, 0.008134
30.6128, 3.194, 0.00952
30.6183, 3.202, 0.01117
30.643, 3.206, 0.009937
32.8265, 4.05, 0.01318
32.8488, 4.048, 0.01425
32.8644, 4.058, 0.01076
35.2198, 5.126, 0.01437
35.2252, 5.126, 0.0133
35.254, 5.149, 0.01454
37.7509, 6.459, 0.01522
37.7605, 6.463, 0.01717
37.7906, 6.546, 0.2053
40.4627, 8.166, 0.02621
40.4723, 8.129, 0.02057
40.5118, 8.159, 0.02264
43.3722, 10.15, 0.02271
43.3808, 10.17, 0.04002
43.4219, 10.2, 0.02853
46.4903, 12.63, 0.02661
46.4967, 12.64, 0.0265
46.5411, 12.68, 0.03148
49.8325, 15.61, 0.04153
49.8351, 15.6, 0.03098
49.88, 15.71, 0.0473
53.4201, 19.15, 0.04334
53.4258, 19.16, 0.04114
53.4755, 19.21, 0.04677
57.2653, 23.31, 0.06711
57.267, 23.3, 0.05043
57.3411, 23.42, 0.06079
61.4187, 28.06, 0.1635
61.4231, 28.22, 0.05066
61.4888, 28.32, 0.05892
65.8439, 33.85, 0.05765
65.846, 33.86, 0.05874
65.9155, 33.98, 0.06891
70.5743, 40.32, 0.06642
70.5775, 40.35, 0.06582
70.6513, 40.48, 0.08322
75.6438, 47.65, 0.0914
75.6484, 47.67, 0.07447
75.7182, 47.79, 0.1001
81.0707, 55.87, 0.09622
81.0764, 55.91, 0.09992
81.1395, 55.97, 0.1308
86.8551, 64.9, 0.1586
86.8604, 65.06, 0.1035
86.9496, 65.21, 0.1283
93.0933, 74.96, 0.1118
93.1069, 75., 0.1103
93.1948, 75.19, 0.1483
99.7866, 86., 0.1245
99.7984, 86.03, 0.1242
99.8876, 86.21, 0.1433
106.957, 97.93, 0.1427
106.965, 97.95, 0.1344

107.058, 98.13, 0.1576
114.638, 110.8, 0.1385
114.645, 110.8, 0.1583
114.744, 111.1, 0.1768
122.87, 124.5, 0.1494
122.883, 124.5, 0.164
122.977, 124.6, 0.523
131.711, 138.7, 0.1564
131.723, 138.7, 0.1813
131.813, 138.9, 0.2056
141.177, 153.8, 0.5866
141.189, 153.8, 0.3891
141.272, 154., 0.2081
151.289, 169.5, 0.2043
151.323, 169., 1.372
151.387, 169.7, 0.2044
162.162, 185.5, 0.1983
162.181, 185.5, 0.202
162.234, 185.6, 0.2308
173.806, 201.9, 0.1994
173.831, 202.1, 0.8151
173.874, 202., 0.2449
186.291, 218.6, 0.2143
186.312, 218.7, 0.2418
186.333, 218., 0.8117
199.668, 235.5, 0.2116
199.679, 235.6, 0.2312
199.701, 235.5, 0.386
213.98, 251.5, 2.198
213.984, 252.1, 1.758
213.991, 252.3, 0.2936
229.303, 269., 0.2419
229.306, 269.1, 0.5033
229.307, 268.9, 0.3143
245.687, 285.5, 0.4307
245.729, 285.8, 0.3171
245.738, 285.6, 0.3338
263.195, 301.7, 0.2974
263.295, 301.4, 0.2765
263.305, 301.7, 0.6194
281.96, 316.8, 0.2766
282.114, 317.1, 0.2908
282.141, 317.3, 0.5002
302.334, 332.5, 0.5295
302.34, 332.4, 0.5466
302.35, 332.4, 0.6662

Dachs et al. (2011): DSC data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
Grossular(82-112)_DSC.txt
282.084, 320.152, 2.126
286.556, 324.663, 3.327
291.034, 327.458, 3.298
295.522, 331.2, 1.899
300.017, 334.88, 1.004
304.517, 337.011, 1.18
309.021, 341.117, 0.5878
313.535, 343.997, 0.3126
318.055, 347.102, 0.03592
322.576, 349.705, 1.025
327.105, 352.581, 0.5551
331.64, 355.848, 1.372
336.173, 358.69, 0.716
340.71, 361.646, 1.295
345.242, 364.261, 1.423
349.774, 366.268, 1.248
354.305, 368.664, 0.7605
358.837, 370.678, 0.288
363.367, 373.833, 0.2763
383.06, 384.019, 2.316
387.586, 386.274, 2.522
392.11, 388.429, 2.509
396.63, 390.695, 2.563
401.149, 392.811, 2.759
405.671, 394.937, 2.688
410.191, 396.822, 2.425
414.711, 398.368, 2.737
419.23, 399.737, 2.822
423.749, 401.435, 2.92
428.265, 403.513, 3.423
432.786, 405.505, 3.376
437.301, 407.542, 3.59
441.817, 409.467, 2.997
446.328, 410.816, 3.004
450.837, 412.316, 2.517
455.345, 414.297, 2.641
459.861, 415.524, 2.059
464.372, 416.931, 1.882
482.911, 422.961, 1.275
487.421, 424.427, 1.057
491.93, 425.812, 0.9758
496.434, 427.068, 0.6876
500.942, 428.437, 0.9636
505.449, 429.654, 0.92
509.957, 430.648, 1.302
514.463, 432.098, 2.262
518.971, 433.704, 2.596
523.475, 433.876, 1.812
527.979, 434.773, 2.064
532.48, 435.716, 2.369
536.988, 436.511, 3.157
541.491, 437.956, 2.433
545.995, 439.475, 2.661
550.497, 440.944, 2.46
555.003, 441.784, 2.597
559.507, 442.983, 2.187
564.01, 444.098, 2.42
582.779, 448.739, 0.4162
587.283, 449.697, 0.7772
591.785, 450.518, 1.11
596.287, 451.534, 1.108
600.788, 452.326, 1.803
605.293, 453.228, 2.37
609.793, 454.115, 2.712
614.295, 455.035, 2.923
618.797, 455.915, 2.401

623.302, 456.584, 2.718
627.807, 456.826, 2.266
632.309, 456.762, 1.432
636.816, 457.256, 1.799
641.32, 458.131, 1.373
645.819, 458.918, 1.835
650.316, 459.571, 2.045
654.821, 460.75, 2.287
659.323, 462.07, 2.594
663.827, 463.508, 2.389
682.648, 467.471, 1.878
687.155, 468.954, 3.095
691.657, 469.846, 4.295
696.159, 471.514, 6.059
700.661, 472.686, 7.315
705.169, 474.014, 8.421
709.676, 475.816, 9.44
714.184, 476.753, 10.75
718.688, 477.762, 11.44
723.193, 478.158, 11.41
727.701, 478.787, 11.79
732.203, 479.477, 12.69
736.714, 480.174, 12.68
741.22, 480.102, 12.09
745.72, 480.709, 11.34
750.225, 482.096, 11.65
754.729, 483.218, 11.68
759.236, 483.873, 9.523
763.74, 483.547, 7.361

Dachs et al. (2011): DSC data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
Grossular(44091)_DSC.txt
282.087, 321.088, 0.4587
286.559, 324.423, 0.5473
291.037, 327.824, 0.3697
295.525, 331.157, 0.3459
300.02, 334.517, 0.3012
304.52, 337.545, 0.3056
309.026, 340.867, 0.3624
313.54, 343.877, 0.2428
318.058, 347.185, 0.1809
322.579, 350.083, 0.199
327.108, 352.661, 0.5233
331.645, 355.891, 0.538
336.178, 358.664, 0.5535
340.715, 361.424, 0.5922
345.248, 364.124, 0.5388
349.78, 366.716, 0.3705
354.312, 369.441, 0.3626
358.845, 372.033, 0.5284
363.375, 374.66, 0.5136
383.128, 384.751, 0.3347
387.654, 387., 0.3008
392.177, 389.258, 0.3692
396.698, 391.313, 0.4081
401.217, 393.451, 0.3929
405.739, 395.395, 0.3555
410.259, 397.306, 0.4466
414.781, 399.164, 0.439
419.299, 401.083, 0.5046
423.818, 402.939, 0.4382
428.334, 404.902, 0.4788
432.855, 406.735, 0.7798
437.371, 408.431, 0.7223
441.889, 410.153, 0.6622
446.398, 411.967, 0.6993
450.908, 413.602, 0.9024
455.416, 415.249, 1.066
459.929, 416.874, 0.9611
464.441, 418.369, 0.9919
482.981, 424.421, 1.058
487.491, 425.765, 1.105
492.001, 427.158, 1.203
496.507, 428.566, 1.177
501.014, 429.93, 1.2
505.523, 431.221, 1.189
510.029, 432.553, 1.053
514.535, 433.702, 1.078
519.042, 434.919, 1.027
523.546, 436.132, 1.102
528.052, 437.266, 1.181
532.553, 438.511, 1.089
537.06, 439.773, 1.03
541.562, 441.027, 1.217
546.067, 442.107, 1.21
550.568, 443.245, 1.25
555.075, 444.404, 1.11
559.58, 445.52, 0.9099
564.085, 446.565, 0.7039
582.854, 450.02, 0.8366
587.358, 450.85, 0.9935
591.858, 451.846, 1.021
596.362, 452.631, 1.183
600.863, 453.309, 1.244
605.368, 454.223, 1.26
609.866, 455.042, 1.185
614.371, 455.892, 1.105
618.874, 456.731, 1.131

623.377, 457.594, 1.349
627.881, 458.397, 1.442
632.386, 459.162, 1.569
636.893, 460.018, 1.547
641.396, 460.78, 1.447
645.896, 461.438, 1.37
650.394, 462.278, 1.174
654.898, 463.413, 0.9761
659.399, 464.411, 1.095
663.904, 464.972, 1.082
682.724, 468.131, 1.579
687.231, 468.776, 1.532
691.734, 469.535, 1.603
696.236, 470.285, 1.684
700.738, 470.885, 1.841
705.246, 471.457, 1.86
709.755, 472.213, 2.01
714.259, 472.829, 1.94
718.765, 473.44, 2.102
723.269, 473.845, 2.111
727.778, 474.292, 2.136
732.282, 474.727, 2.321
736.792, 475.175, 2.297
741.297, 475.74, 2.411
745.799, 476.162, 2.445
750.306, 476.663, 2.484
754.81, 477.094, 2.615
759.316, 477.612, 2.683
763.819, 478.458, 2.359

Dachs et al. (2011): DSC data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
Grossular(Gr1-1)_DSC.txt
282.084, 320.476, 0.4361
286.556, 324.732, 1.158
291.034, 327.689, 0.9887
295.522, 330.752, 0.4237
300.017, 334.087, 0.4291
304.517, 337.154, 0.2937
309.021, 340.611, 0.5736
313.535, 343.544, 0.1531
318.055, 346.549, 0.4225
322.576, 349.407, 0.4709
327.105, 352.421, 0.282
331.64, 355.42, 0.2264
336.173, 358.23, 0.1901
340.71, 361.541, 0.9733
345.242, 364.111, 0.5895
349.774, 366.488, 0.6223
354.305, 369.003, 0.5535
358.837, 371.45, 0.4861
363.367, 374.07, 0.2834
383.06, 384.045, 0.6038
387.586, 386.194, 0.7265
392.11, 388.431, 0.8397
396.63, 390.451, 0.9341
401.149, 392.402, 1.103
405.671, 394.253, 0.9827
410.191, 396.286, 0.9343
414.711, 398.269, 0.8569
419.23, 400.125, 0.8231
423.749, 401.996, 0.8056
428.265, 403.771, 0.932
432.786, 405.596, 0.7221
437.301, 407.43, 0.7831
441.817, 409.19, 0.7218
446.328, 410.867, 0.631
450.837, 412.477, 0.3397
455.345, 414.012, 0.1385
459.861, 415.584, 0.3427
464.372, 416.991, 0.3502
482.911, 422.728, 0.7487
487.421, 424.074, 0.7666
491.93, 425.52, 0.4709
496.434, 426.816, 0.4581
500.942, 428.095, 0.4844
505.449, 429.271, 0.5362
509.957, 430.58, 0.4115
514.463, 431.92, 0.3617
518.971, 433.088, 0.3178
523.475, 434.189, 0.124
527.979, 435.233, 0.1762
532.48, 436.428, 0.135
536.988, 437.739, 0.2657
541.491, 438.96, 0.2433
545.995, 440.269, 0.1351
550.497, 441.438, 0.3189
555.003, 442.651, 0.2883
559.507, 443.718, 0.08876
564.01, 444.628, 0.02074
582.779, 448.515, 0.005132
587.283, 449.498, 0.1617
591.785, 450.615, 0.2039
596.287, 451.463, 0.3824
600.788, 452.316, 0.5962
605.293, 453.174, 0.6234
609.793, 454.058, 0.7164
614.295, 454.865, 0.7155
618.797, 455.826, 0.9227

623.302, 456.566, 0.7496
627.807, 457.282, 0.7283
632.309, 457.93, 0.7146
636.816, 458.603, 0.633
641.32, 459.365, 0.6592
645.819, 460.21, 0.7501
650.316, 460.862, 0.8034
654.821, 461.608, 0.7775
659.323, 462.4, 0.6225
663.827, 463.2, 0.6306
682.648, 466.609, 0.7488
687.155, 467.493, 0.8364
691.657, 468.639, 1.14
696.159, 469.814, 1.443
700.661, 470.942, 1.73
705.169, 471.733, 1.781
709.676, 472.466, 2.157
714.184, 473.249, 2.388
718.688, 473.936, 2.596
723.193, 474.639, 2.505
727.701, 475.251, 2.347
732.203, 475.962, 2.388
736.714, 476.851, 2.892
741.22, 477.481, 3.222
745.72, 478.071, 3.419
750.225, 478.613, 3.722
754.729, 479.243, 3.943
759.236, 479.684, 4.141
763.74, 480.16, 4.642

Dachs et al. (2011): DSC data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):
Grossular(Gr-LK)_DSC.txt
282.086, 318.733, 0.8112
286.558, 321.999, 0.7504
291.037, 325.013, 1.105
295.524, 328.046, 1.599
300.019, 331.703, 1.632
304.519, 334.762, 0.9974
309.025, 338.205, 0.3942
313.538, 341.426, 1.269
318.057, 344.963, 0.4824
322.578, 347.759, 0.8314
327.107, 350.646, 1.345
331.643, 353.691, 1.718
336.177, 356.571, 0.9271
340.714, 359.2, 0.6591
345.247, 361.998, 0.5116
349.779, 364.413, 0.8534
354.31, 367.394, 0.6446
358.844, 369.626, 0.3899
363.374, 372.241, 0.5612
383.126, 382.405, 0.7512
387.652, 384.452, 0.9745
392.175, 386.546, 1.126
396.696, 388.493, 0.8595
401.215, 390.395, 0.7558
405.737, 392.121, 0.3742
410.258, 393.942, 0.3098
414.778, 395.807, 0.3805
419.297, 397.698, 0.438
423.816, 399.559, 0.3232
428.332, 401.537, 0.2995
432.853, 403.123, 0.2657
437.369, 404.865, 0.4718
441.887, 406.794, 0.6148
446.396, 408.712, 0.666
450.906, 410.711, 0.1799
455.415, 412.43, 0.5709
459.928, 413.682, 0.2509
464.439, 415.33, 0.5134
482.979, 422.185, 1.305
487.488, 423.581, 1.512
491.998, 425.038, 1.758
496.504, 426.222, 1.766
501.012, 427.611, 1.748
505.52, 428.636, 1.736
510.027, 429.797, 1.822
514.532, 430.527, 1.74
519.039, 431.698, 1.707
523.543, 432.883, 1.84
528.05, 433.92, 1.692
532.551, 435.523, 1.536
537.057, 436.613, 1.343
541.559, 437.579, 1.366
546.064, 439.463, 1.434
550.566, 440.363, 1.289
555.073, 441.324, 1.005
559.577, 442.436, 1.
564.083, 443.66, 1.135
582.851, 447.449, 1.394
587.355, 447.976, 2.164
591.856, 449.24, 2.386
596.36, 450.037, 2.768
600.86, 450.556, 2.895
605.365, 451.673, 3.286
609.865, 452.49, 3.365
614.369, 453.465, 3.439
618.871, 454.434, 3.805

623.374, 455.423, 3.813
627.878, 456.373, 3.684
632.384, 457.259, 3.387
636.891, 458.353, 3.225
641.394, 459.218, 2.996
645.893, 459.856, 3.089
650.392, 460.717, 2.493
654.897, 461.575, 2.175
659.396, 462.503, 1.672
663.901, 463.53, 1.138
682.723, 466.501, 1.898
687.231, 467.432, 2.16
691.734, 468.611, 2.851
696.236, 469.819, 3.331
700.737, 470.535, 3.922
705.246, 471.256, 4.871
709.755, 472.134, 4.995
714.259, 472.402, 5.371
718.764, 474.063, 5.096
723.269, 474.612, 4.76
727.778, 475.203, 4.817
732.283, 475.396, 4.838
736.793, 475.671, 4.886
741.297, 475.619, 5.228
745.799, 475.913, 5.373
750.307, 476.35, 5.33
754.811, 476.752, 5.138
759.317, 477.58, 5.024
763.82, 478.179, 4.689