

Magnetic and transport properties of Te doped Yb₁₄MnSb₁₁

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Supporting Information

Table 1(SI) Temperature dependent thermal diffusivity, Dulong-Petit heat capacity and geometric density of the pellets of Yb₁₄MnSb_{11-x}Te_x (x = 0, 0.07(5), 0.16(8), 0.19(7)).

Temperature (K)	Thermal Diffusivity (cm ² /s)	Temperature (K)	Thermal Diffusivity (cm ² /s)	Temperature (K)	Thermal Diffusivity (cm ² /s)	Temperature (K)	Thermal Diffusivity (cm ² /s)
Te = 0		Te = 0.07		Te = 0.16		Te = 0.19	
C _p = 0.17 J/gK		C _p = 0.17 J/gK		C _p = 0.17 J/gK		C _p = 0.17 J/gK	
d = 8.368 g/cm ³		d = 8.203 g/cm ³		d = 8.162 g/cm ³		d = 8.252 g/cm ³	
361.5	0.00578	295.5	0.00647	297.0	0.00696	297.7	0.00703
461.3	0.00606	389.5	0.00656	388.3	0.00704	387.3	0.00713
561.6	0.00602	483.4	0.00642	483.8	0.00679	484.3	0.00696
659.4	0.00584	577.9	0.00633	579.6	0.00664	579.7	0.00678
755.9	0.00562	673.2	0.00613	674.2	0.00649	674.7	0.00643
708.4	0.00571	772.3	0.00591	772.8	0.00614	773.5	0.00608
852.6	0.00532	873.3	0.00568	873.1	0.00586	873.7	0.00589
951.8	0.00513	972.3	0.00551	971.6	0.00565	972.1	0.00558
1046.7	0.00508	1073.5	0.00547	1072.5	0.00553	1073	0.00548
1140.0	0.00492	1171.8	0.00544	1170.7	0.00561	1171.5	0.00542
1235.0	0.00513	1272.7	0.00568	1271.3	0.00582	1272.5	0.00576