

Product Texts

SABIC® PPcompound 17T1022 is a 22% talc filled grade which is high heat stabilized, developed for under the bonnet applications. This material has been designed to combine a good performance profile with good processing. SABIC® PPcompound 17T1022 is a designated automotive grade. IMDS ID: 202227823

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2600	MPa	ISO 527
Yield stress	31	MPa	ISO 527
Stress at break	25	MPa	ISO 527
Strain at break	13	%	ISO 527
Flexural modulus, 23°C	2650	MPa	ISO 178
Charpy notched impact strength, +23°C	2.9	kJ/m ²	ISO 179/1eA
Shore D hardness	75	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	121	°C	ISO 75-1/-2
Vicat softening temperature, A	154	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Heat stabilized or stable to heat