

Product Texts

SABIC® PPcompound 15T1030 is a 30% talc-filled polypropylene homopolymer. Its high modulus and good thermal stabilization makes it suited for applications under the bonnet such as heating, ventilation and air conditioning housings. SABIC® PPcompound 15T1030 is a designated automotive grade. IMDS ID: 439230598

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3200	MPa	ISO 527
Yield stress	32.5	MPa	ISO 527
Stress at break	25	MPa	ISO 527
Strain at break	15	%	ISO 527
Flexural modulus, 23°C	3500	MPa	ISO 178
Charpy notched impact strength, +23°C	3	kJ/m ²	ISO 179/1eA
Izod notched impact strength	2	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	125	°C	ISO 75-1/-2
Vicat softening temperature, A	150	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1150	kg/m ³	ISO 1183

Characteristics**Features**

Homopolymer