

SABIC® PPcompound 3021B

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 3021B is a 20% talc-filled Polypropylene. The material's high modulus and its thermal and UV stabilization makes it suitable for exterior applications, like cowl top panels. SABIC® PPcompound 3021B is a designated automotive grade. IMDS ID: 13775167

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	16	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	29	MPa	ISO 527
Stress at break	27	MPa	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	2250	MPa	ISO 178
Izod notched impact strength	2.2	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	120	°C	ISO 75-1/-2

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

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather