

SABIC® PPcompound 33MBTU

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 33MBTU is a 30% talc containing masterbatch for use with SABIC® PP Super high impact copolymers and as such part of the SABIC® PP CS system. This material contains UV stabilization for exterior application. SABIC® PPcompound 33MBTU is a designated automotive grade. IMDS ID: 16487872

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	40	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2300	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Stress at break	20	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Charpy notched impact strength, +23°C	3.5	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	130	°C	ISO 75-1/-2

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

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather

Features

Copolymer