

SABIC® PPcompound 33MBTU

Polypropylene

Saudi Basic Industries Corporation (SABIC)

Message:

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.

General Information			
Filler / Reinforcement	Talc,30% Filler by Weight		
Additive	Impact Modifier		
	UV Stabilizer		
Features	Good UV Resistance		
	Impact Modified		
Uses	Automotive Applications		
	Masterbatch		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ISO 1133
Molding Shrinkage (24 hr)	0.90	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/5/50
Yield, 3.20 mm, Injection Molded	25.0	MPa	
Break, 3.20 mm, Injection Molded	20.0	MPa	
Tensile Strain (Break, 3.20 mm, Injection Molded)	20	%	ISO 527-2/5/50
Flexural Modulus ¹ (Injection Molded)	2300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	3.5	kJ/m ²	ISO 179/1eA
Notched Izod Impact Strength			ISO 180/4A
-20°C, Injection Molded	2.0	kJ/m ²	
0°C, Injection Molded	3.0	kJ/m ²	
23°C, Injection Molded	4.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	130	°C	ISO 75-2/B
CLTE - Flow (23 to 80°C)	8.0E-5	cm/cm/°C	ASTM D696
NOTE			

- Method I (3 point load)

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Recommended distributors for this material

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