

SABIC® PPcompound 20MBTF

Polypropylene

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PPcompound 20MBTF is a talc filled masterbatch for use with SABIC® PP Super high impact copolymers and as such part of the SABIC® PP CS system.
SABIC® PPcompound 20MBTF is a designated automotive grade.

General Information			
Filler / Reinforcement	Talc		
Additive	Impact Modifier		
Features	Impact Modified		
Uses	Automotive Applications		
	Masterbatch		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	68		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/5/50
Yield, 3.20 mm, Injection Molded	27.0	MPa	
Break, 3.20 mm, Injection Molded	24.0	MPa	
Tensile Strain (Break, 3.20 mm, Injection Molded)	10	%	ISO 527-2/5/50
Flexural Modulus ¹ (Injection Molded)	2700	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	4.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact Strength			ISO 180/4A
0°C, Injection Molded	2.0	kJ/m ²	
23°C, Injection Molded	3.0	kJ/m ²	
NOTE			
1.	Method I (3 point load)		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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