

SABIC® PPcompound 8533

Polypropylene

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PPcompound 8533 is an elastomer-modified mineral filled Polypropylene for painted automotive exterior applications. This material has been designed to combine a good performance profile with good processing.

SABIC® PPcompound 8533 is a designated automotive grade.

General Information			
Filler / Reinforcement	Mineral filler		
Additive	Impact modifier		
Features	Impact modification		
	Workability, good		
	Sprayable		
Uses	Application in Automobile Field		
	Automotive exterior parts		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.990	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Molding Shrinkage (24 hr)	0.70	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/5/50
Yield, 3.20mm, injection molding	19.0	MPa	ISO 527-2/5/50
Fracture, 3.20mm, injection molding	12.5	MPa	ISO 527-2/5/50
Tensile Strain (Break, 3.20 mm, Injection Molded)	> 150	%	ISO 527-2/5/50
Flexural Modulus ¹ (Injection Molded)	1550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/4A
-20°C, injection molding	20	kJ/m ²	ISO 180/4A
0°C, injection molding	60	kJ/m ²	ISO 180/4A
23°C, injection molding	60	kJ/m ²	ISO 180/4A
NOTE			

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Recommended distributors for this material

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