

Hifax CA 1168 A 3001 S1

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax CA 1168 A 3001 S1 is a 10% talc filled PP copolymer, with low flowability and high impact resistance. Product is available in grey color, pellet form. This grade is delivered in 3001 color version.
This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 10% filler by weight		
Features	Impact resistance, high		
	Sprayable		
	Low liquidity		
Uses	Car anti-collision bar		
	Application in Automobile Field		
Appearance	Grey		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.960	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2
Tensile Strain (Break)	250	%	ISO 527-2
Flexural Modulus ¹ (23°C)	1200	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	6.0	kJ/m ²	ISO 179/1eA
23°C	70	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
Vicat Softening Temperature	130	°C	ISO 306/A
NOTE			
1.	1.0 mm/min		

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