

Hostacom XBR 169 G

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

"Hostacom" XBR 169 G, a low density injection moulding grade, is a high impact filled polypropylene copolymer with good mouldability, specially designed for excellent impact strength as well as good appearance, stiffness and scratch resistance. Advanced technologies allowed for a significant reduction of the mineral filler compared to current standard grades, which contributes to the reduction of final part weight. The grade is available in custom colour, pellet form.

General Information			
Features	Good Moldability		
	Good Stiffness		
	Good Toughness		
	High Impact Resistance		
	Impact Copolymer		
	Low Density		
	Non-Toxic		
	Pleasing Surface Appearance		
Uses	Automotive Applications		
	Automotive Interior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	17.0	MPa	ISO 527-2
Tensile Strain (Break)	70	%	ISO 527-2
Flexural Modulus	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	4.0	kJ/m ²	
23°C	25	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	100	°C	ISO 75-2/B
1.8 MPa, Unannealed	53.0	°C	ISO 75-2/A

Vicat Softening Temperature			
--	130	°C	ISO 306/A50
--	48.0	°C	ISO 306/B50

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