

Hostacom CR 1152 F

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

"Hostacom" CR 1152 F is a 10% filled , high impact polypropylene grade which has been designed using the latest advancements in resin synthesis and compounding technology. This grade has a high fluidity and an exceptional balance of density and mechanical properties. Due to its excellent flowability, it is suitable for demanding new instrument panel designs. In addition, the low density concept contributes to the reduction of final part weight. This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Features	Good Toughness		
	High Flow		
	High Impact Resistance		
	Impact Copolymer		
	Non-Toxic		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-20°C	5.5	kJ/m ²	
0°C	7.5	kJ/m ²	
23°C	25	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	54.0	°C	ISO 75-2/A
Vicat Softening Temperature	54.0	°C	ISO 306/B50

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