

Hostacom BB 136 G

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

"Hostacom" BB 136 G is a low melt flow, 25 % mineral filled, UV stabilised high impact polypropylene copolymer. The product is designed especially for injection moulding. It is combining an excellent impact strength, a good appearance and a high stiffness. This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Stiffness		
	High Impact Resistance		
	Impact Copolymer		
	Low Flow		
	Non-Toxic		
	Pleasing Surface Appearance		
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	1.10	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	60		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain (Break)	350	%	ISO 527-2
Flexural Modulus	1750	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	6.0	kJ/m²	
23°C	40	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			

0.45 MPa, Unannealed	100	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	53.0	°C	ISO 306/B50

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