

Hostacom BR 33 G

Polypropylene

LyondellBasell Industries

Message:

"Hostacom" BR 33 G is a medium melt flow, 25% mineral filled, UV stabilised high impact polypropylene grade. This grade combines high stiffness and good impact behaviour. It is optimised for good aesthetics, good scratch resistance and injection moulding which makes it very suitable for instrument panel applications.

This grade is available in custom colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Impact Resistance		
	Good Stiffness		
	Good UV Resistance		
	Medium Flow		
	Non-Toxic		
	Pleasing Surface Appearance		
	Scratch Resistant		
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	1.15	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	61		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	22.0	MPa	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-20°C	5.0	kJ/m ²	
0°C	7.0	kJ/m ²	
23°C	22	kJ/m ²	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	95.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	81.0	°C	ISO 75-2/A
Vicat Softening Temperature	105	°C	ISO 306/B50

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