

Hostacom BC142/1AC

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom BC142/1AC conventional melt flow, 3,600 MPa flexural modulus, precolored, mineral-filled polypropylene copolymer has a good balance of stiffness and impact resistance. It was designed primarily for structural automotive interior components that require high rigidity and low odor.

General Information			
Filler / Reinforcement	Mineral		
Features	Copolymer		
	Good Dimensional Stability		
	Good Impact Resistance		
	High Rigidity		
	Low to No Odor		
Uses	Automotive Interior Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	33.0	MPa	ISO 527-2
Tensile Strain (Yield)	6.0	%	ISO 527-2
Flexural Modulus	3600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	1.7	kJ/m ²	
23°C	3.7	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	126	°C	ISO 75-2/B
1.8 MPa, Unannealed	86.0	°C	ISO 75-2/A

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