

Hostacom ZB752AC

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Hostacom ZB752AC precolored, medium melt flow, 2,800 MPa flexural modulus, mineral-filled polypropylene homopolymer has a very good combination of strength, stiffness, and impact resistance. It was designed primarily for automotive instrument panel ductwork and heater housings.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	High Rigidity		
	Homopolymer		
	Medium Flow		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Under the Hood		
	Housings		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	32.0	MPa	ISO 527-2
Tensile Strain (Yield)	6.0	%	ISO 527-2
Flexural Modulus	2800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	1.9	kJ/m ²	
23°C	3.5	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	70.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	3.5E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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