



Hostacom ZB752AC

Polypropylene, Homopolymer

Product Description

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.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Medium Flow, Homopolymer, Good Moldability , High Rigidity
Typical Customer Applications	Automotive Parts, Instrument Panels, Under-the-Hood & Structural Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.05	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	10	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	32	MPa
Tensile Strain at Yield	ISO 527-1, -2	6	%
Flexural modulus	ISO 178	2800	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		3.5	kJ/m ²
(-40 °C)		1.9	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	120	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	70	°C
CLTE, Flow	ISO 11359-1, -2	3.5 x 10 ⁻⁵	cm/cm/°C
Note: Determined over a temperature range of -30°C to 100°C. Alternative test method is ASTM E 228-95.			

Additional Information

Mold shrinkage	ISO 294-4
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