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

Status	Commercial: Active
Test Method used	ISO
Availability	North America
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/cm³
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/m²
(-40 °C)		1.9	kJ/m²
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		
Note: Please contact Basell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.