Hostacom DB273A

Compounded Polyolefin

Product Description

Hostacom DB273A high melt flow, 2,200 MPa flexural modulus, natural, mineral-filled thermoplastic elastomeric olefin (TEO) resin has and excellent balance of properties and processability. It was designed for a wide variety of automotive interior trim components.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Dimensional Stability, High Flow , Good Impact Resistance , Good Moldability , High Rigidity
Typical Customer Applications	Automotive Parts, Instrument Panels, Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.03	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	30	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	24	MPa
Tensile Strain at Yield	ISO 527-1, -2	5	%
Flexural modulus	ISO 178	2200	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		33	kJ/m²
(-30 °C)		3.9	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	118	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	68	°C
CLTE, Flow	ISO 11359-1, -2	6.2 x 10-5	cm/cm/°C