

Hostacom DB273A

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

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

General Information			
Filler / Reinforcement	Mineral		
Features	Good Dimensional Stability Good Impact Resistance Good Moldability High Flow High Rigidity		
Uses	Automotive Applications Automotive Instrument Panel Automotive Interior Parts		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	24.0	MPa	ISO 527-2
Tensile Strain (Yield)	5.0	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	3.9	kJ/m ²	
23°C	33	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	118	°C	ISO 75-2/B
1.8 MPa, Unannealed	68.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	6.2E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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