

Hostacom CB189FC/1

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Hostacom CB189FC/1 medium melt flow, 1,300 MPa flexural modulus, precolored, mineral-filled thermoplastic elastomeric olefin (TEO) resin has a very good balance of impact, stiffness, dimensional stability and processability. It was designed specifically for use in various automotive interior trim components.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Medium Flow		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	2.8	kJ/m ²	
23°C	18	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	87.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	53.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	6.0E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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