

Hostacom CB271FC

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hostacom CB271FC high melt flow, 2,000 MPa flexural modulus, precolored, UV-stabilized, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent combination of stiffness, impact resistance and processability. It was designed primarily for automotive interior applications that demand balanced performance characteristics, such as those that require compliance to FMVSS201 or FMVSS208.

The Hostacom CB271 product family also includes CB271PC (UV-stabilized, paintable). Please discuss the application requirements with your Basell representative before selecting a specific grade.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Moldability		
	Good UV Resistance		
	High Flow		
Uses	High Rigidity		
	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	25.0	MPa	ISO 527-2
Tensile Strain (Yield)	11	%	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	3.3	kJ/m ²	
23°C	24	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	108	°C	ISO 75-2/B
1.8 MPa, Unannealed	62.0	°C	ISO 75-2/A

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