

Hostacom CB271FC

Compounded Polyolefin

Product Description

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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Molding
Features	Good Dimensional Stability, High Flow , Good Impact Resistance , Good Moldability , High Rigidity , Good UV Resistance
Typical Customer Applications	Interior Applications, Instrument Panels

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.04 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20 g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	25 MPa
Tensile Strain at Yield	ISO 527-1, -2	11 %
Flexural modulus	ISO 178	2000 MPa
Impact		
Notched izod impact strength	ISO 180	
(23 °C)		24 kJ/m ²
(-30 °C)		3.3 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	108 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	62 °C
CLTE, Flow	ISO 11359-1, -2	4.5 x 10-5 cm/cm/°C
<i>Note: Determined over a temperature range of -30°C to 100°C. Alternative test method is ASTM E 228-95.</i>		
Additional Information		
Mold shrinkage	ISO 294-4	
<i>Note: Please contact Basell for shrinkage recommendations.</i>		

Notes

Typical properties; not to be construed as specifications.