



Hostacom XFBR712

Compounded Polyolefin

Product Description

Hostacom XFBR712 medium melt flow, 1,800 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of stiffness, impact resistance and dimensional stability. It was designed primarily for painted automotive interior components.

Product Characteristics

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

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.06 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	6 g/10 min
Note: Alternative test method is ASTM D 1238-01.		
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	17 MPa
Tensile Strain at Yield	ISO 527-1, -2	4 %
Flexural modulus	ISO 178	1800 MPa
Impact		
Notched izod impact strength (23 °C) (-40 °C)	ISO 180	34 kJ/m ²
		3.0 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	100 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	55 °C
CLTE, Flow	ISO 11359-1, -2	4.8 x 10-5 cm/cm/°C
Note: Determined over a temperature range of -30°C to 100°C. Alternative test method is ASTM E 228-95.		
Additional Information		
Mold shrinkage	ISO 294-4	
Note: Please contact Basell for shrinkage recommendations.		

Notes

Typical properties; not to be construed as specifications.

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- ┆ Equistar Chemicals, LP
- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
- ┆ Basell International Trading FZE
- ┆ LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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