Technical Data Sheet

Hostacom BB73F NA NATRL

Polypropylene Compounds

Product Description

Hostacom BB73F NA NATRL is a high melt flow, 2,400 MPa flexural modulus, UV-stabilized, precolored, mineral-filled polypropylene copolymer that has a very good combination of rigidity, impact strength, dimensional stability, and processability. It is typically used for a variety of automotive interior trim applications.

Status	Commercial: Active
Availability	North America
Application	Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Copolymer; Good Dimensional Stability; Good Moldability; Good Weather Resistance; High Flow; High Rigidity

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	19	g/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	2400	MPa	ISO 178
Tensile Stress at Yield	27	MPa	ISO 527-1, -2
Tensile Strain at Yield	4	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	4.5	kJ/m²	ISO 180
(-40 °C)	2.5	kJ/m²	ISO 180
Thermal			
Heat Deflection Temperature A, (1.80 MPa, Unannealed)	64	°C	ISO 75A-1, -2
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	116	°C	ISO 75B-1, -2
Coefficent of Linear Thermal Expansion (CLTE), Flow, (-22 to 212 °F, -30 to 100 °C)	4.6 x 10-5	cm/cm/°C	ISO 11359-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

Notes

These are typical property values not to be construed as specification limits.