

Technical Data Sheet

Hostacom HBG 2173D NAT

Polypropylene Compounds



Product Description

Hostacom HBG 2173D NAT is a glass fiber reinforced PP homopolymer, with excellent stiffness, high processability, good dimensional stability and low creep under load at elevated temperatures. The product is available in natural color, pellet form.

Application	Structural Parts
Market	Industrial, Building & Construction
Processing Method	Injection Molding
Attribute	Excellent Stiffness; Good Dimensional Stability; Low Creep Under Load at Elevated Temperatures

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3	g/10 min	ISO 1133-1
Density, (23 °C)	1.23	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	8600	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	150	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	9000	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	105	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	10	kJ/m ²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	160	°C	ISO 75B-1, -2

