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.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Status	Commercial: Active
Availability	Europe
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/cm³	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/m²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	160	°C	ISO 75B-1, -2

Notes

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