

Technical Data Sheet

Hostacom HBG 322D NAT



Polypropylene Compounds

Product Description

Hostacom HBG 322D NAT is a glass fiber reinforced PP homopolymer with low melt flow rate.

Status	Commercial: Active
Availability	Europe
Application	White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	4	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	4	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.12	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	6500	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	90	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	10	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	45	kJ/m ²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	140	°C	ISO 75A-1, -2