

Technical Data Sheet

Hostacom G2 R03 NA NATURAL



Polypropylene Compounds

Product Description

Hostacom G2 R03 NA NATURAL is a 20% glass fiber reinforced PP homopolymer with excellent stiffness, good dimensional stability, and low creep under load at elevated temperatures.

Application	Automotive Parts; Instrument Panels
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.5	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	5200	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched			
(23 °C)	9	kJ/m ²	ISO 179
(-30 °C)	6	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C)	44	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	130	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			