



Hostacom G2 R03 105555

Compounded Polyolefin

Product Description

Hostacom G2 R03 105555 is a 20% glass fiber reinforced PP homopolymer, with excellent stiffness, good dimensional stability and low creep under load at elevated temperatures. Product is available as a customized color matched, pellet form. This grade is delivered in 105555 color version.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Stiffness, dimensional stability, and creep under load at elevated temperatures.
Typical Customer Applications	Used for automotive instrument panel.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	5.5	g/10 min
Density (23 °C)	ISO 1183-1/A	1.05	g/cm ³
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	5200	MPa
Impact			
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	6	kJ/m ²
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	44	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	9	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	130	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

