

Hostacom G3 R11 105290

Compounded Polyolefin

Product Description

Hostacom G3 R11 105290 is a 30% glass fiber reinforced PP homopolymer, with high flowability, superior stiffness, low CLTE (Coefficient of Linear Thermal Expansion), and low creep under load at elevated temperatures and good mould release. Product is available as a customized color matched, pellet form. This grade is delivered in 105290 color version.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, stiffness, mould release, and creep under load at elevated temperatures.
Typical Customer Applications	Used for injection moulding general purpose.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	12	g/10 min
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	13	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	6500	MPa
Tensile Stress at Break (23 °C)	ISO 527-1, -2	88	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	45	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	140	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	155	°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.

