

Technical Data Sheet

Hostacom G3 R11 105290



Polypropylene Compounds

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.

Application	Automotive Parts
Market	Automotive
Processing Method	Injection Molding
Attribute	High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	12	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	13	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.14	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	6200	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	88	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Unnotched, (23 °C)	45	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	130	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	155	°C	ISO 75B-1, -2