

Technical Data Sheet

Hostacom G3 R11 2003 (SC Black)



Polypropylene Compounds

Product Description

Hostacom G3 R11 2003 is a 30% glass fiber reinforced PP homopolymer, with high flow, very high stiffness and low CLTE. Low creep under load at elevated temperatures. Product is available as non color matched, black, pellet form.

Status	Commercial: Active
Availability	Asia-Pacific
Application	Underhood
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Creep Resistance; Good Stiffness; High Flow; Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	13	g/10 min	ISO 1133-1
Density, (23 °C)	1.13	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	6200	MPa	ISO 178
Tensile Stress at Break	91	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	11	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	140	°C	ISO 75A-1, -2