

Technical Data Sheet

Hostacom G3 R05 2003 (SC BLACK)



Polypropylene Compounds

Product Description

Hostacom G3 R05 2003 is a 30% glass fiber reinforced PP homopolymer, with excellent stiffness, good dimensional stability and low creep under load at elevated temperatures. Product is available as non color matched, black, pellet form.

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

Application	Structural Parts
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Stiffness; Good Dimensional Stability; Low Creep Under Load at Elevated Temperatures

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	4	g/10 min	ISO 1133-1
Density, (23 °C)	1.13	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus	6600	MPa	ISO 178
Tensile Stress at Break	98	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	10.5	kJ/m²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	145	°C	ISO 75A-1, -2