

Technical Data Sheet

Hostacom G3 N01 L

Polypropylene Compounds

Product Description

Hostacom G3 N01 L is a 30% glass fiber reinforced PP homopolymer, with low melt flow, high stiffness, low CLTE (Coefficient of Linear Thermal Expansion) and low creep under load at elevated temperatures. Product is UL listed in all colors. This grade is delivered in natural color version.

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

Application	Automotive Parts; White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	5	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	5	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.15	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	6500	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	90	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3.5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	11	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	48	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	140	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	155	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	140	°C	ISO 75A-1, -2
Flammable			
Flame Rating - UL			
(1.5 mm)	HB		UL 94
(3.0 mm)	HB		UL 94