

Technical Data Sheet

Hostacom G3 N13 250100



Polypropylene Compounds

Product Description

Hostacom G3 N13 250100 is a glass fiber reinforced PP copolymer with low melt flow rate.
Product is UL listed.

Application	White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (230 °C/5.0 kg)	11.5	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.11	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	5200	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	5800	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	82	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3.5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	13	kJ/m ²	ISO 179-1/1eA
(0 °C)	10	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	50	kJ/m ²	ISO 179-1/1eU
(0 °C)	50	kJ/m ²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	150	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	130	°C	ISO 75A-1, -2
Flammable			
Flame Rating - UL, (1.5 mm)	HB		UL 94

Notes

These are typical property values not to be construed as specification limits.

