Technical Data Sheet

Hostacom G1 H01

Polypropylene Compounds

Product Description

Hostacom G1 H01 is a 10% glass fiber reinforced PP homopolymer, with low melt flow rate. Product is available as natural, pellet form.

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

Application	Automotive Parts
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	2	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	3	cm³/10 min	ISO 1133-1
Density, (23 °C)	0.98	g/cm³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	2700	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	50	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	6	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	9	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	45	kJ/m²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	105	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	90	°C	ISO 75A-1, -2