

Technical Data Sheet

Hostacom G2 U02

Polypropylene Compounds

Product Description

Hostacom G2 U02 is a 20% glass fiber reinforced PP homopolymer, with high flowability, high stiffness and and low creep under load at elevated temperatures. This grade is delivered in natural color version.

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/2.16 kg)	14	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	17	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	4800	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	75	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	8	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	40	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	130	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	138	°C	ISO 75A-1, -2