

Technical Data Sheet

Hostacom G2 U02 C 102297

Polypropylene Compounds

Product Description

Hostacom G2 U02 C 102297 is a 20% glass fiber reinforced PP homopolymer, with high flowability, high stiffness and low creep under load at elevated temperatures.

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

Processing Method Injection Molding

Attribute Excellent Processability; Good Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	14	g/10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	4700	MPa	ISO 178/A1
Tensile Stress at Break, (23 °C)	70	MPa	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)	132	°C	ISO 75A-1, -2