

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.

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

