



Hostacom X G3 U12

Compounded Polyolefin

Product Description

Hostacom X G3 U12 is a mixed filler grade, PP copolymer, with a 20% of glass fiber reinforcing and a 10% of mica functional filling, with a high flowability, high stiffness and low creep under load at elevated temperatures. The product is available as natural, pellet form.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	High melt flow rate, stiffness and creep under load at elevated temperatures.
Typical Customer Applications	Used for injection moulding general purpose.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	16	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	17	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.11	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	4500	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	55	MPa
Tens.Strain at Break	ISO 527-1, -2	4.5	%
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	35	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	10	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	100	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	142	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

