

## Hostacom X G3 U12 100000

### Compounded Polyolefin

#### Product Description

Hostacom X G3 U12 100000 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 in black color, pellet form.

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

#### Product Characteristics

<b>Status</b>	Commercial
<b>Processing Method</b>	Injection molding
<b>Features</b>	Stiffness, low creep under load at elevated temperatures.
<b>Typical Customer Applications</b>	Used for automotive under-the-hood, as well as structural parts.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
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 <sup>3</sup> /10 min
Density (23 °C)	ISO 1183-1/A	1.11	g/cm <sup>3</sup>
<b>Mechanical</b>			
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	%
<b>Impact</b>			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	35	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	10	kJ/m <sup>2</sup>
<b>Thermal</b>			
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 affect the quality of this product
- Keep material completely dry for good processing.

