

## Technical Data Sheet

### *Hostacom* G3 U01 L BLACK



Polypropylene Compounds

#### Product Description

*Hostacom* G3 U01 L BLACK is a glass fiber reinforced PP homopolymer with medium melt flow rate. This grade is delivered in BLACK colored version.

Product is UL certified in all color

**Processing Method**          Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	14	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	15	cm <sup>3</sup> /10 min	ISO 1133-1
Density, (23 °C)	1,13	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	6500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	95	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	3	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	10	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	45	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
Vicat Softening Temperature, (B50)	130	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	145	°C	ISO 75A-1, -2