

## Technical Data Sheet

**Hostacom HRG 328T BLACK**

Polypropylene Compounds

**Product Description**

Hostacom HRG 328T BLACK is a 30% glass fiber reinforced PP homopolymer, with high flowability, very good stiffness, low CLTE (Coefficient of Linear Thermal Expansion), low creep under load at elevated temperatures and low emissions. The product is available as black color, pellet form.

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

<b>Application</b>	Automotive Parts
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Excellent Stiffness; High Flow; Low Creep Under Load at Elevated Temperatures

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)	1.12	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	7200	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	145	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	6800	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	95	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	2.6	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	9.5	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)	135	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	155	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	145	°C	ISO 75A-1, -2