

## Technical Data Sheet

### Hostacom EBG 2063T BLACK



Polypropylene Compounds

#### Product Description

**Hostacom EBG 2063T BLACK** is a 10% short glass fiber coupled PP with low flow. It is designed for applications requiring a high level of long term heat ageing.

The use of the new "Advanced Copo PP" resin provides a significantly higher mechanical durability under load at elevated temperatures due to much lower material deformation (creep) compared to existing PP Compounds.

The product is delivered in black color version.

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

**Application** Automotive Parts

**Market** Automotive

**Processing Method** Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/5.0 kg)	2.7	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	3.5	cm <sup>3</sup> /10 min	ISO 1133-1
Density, (23 °C)	0,98	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	2600	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	65	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	2700	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	45	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	8	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	7	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	3	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	40	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
Vicat Softening Temperature, (B50)	105	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	92	°C	ISO 75A-1, -2