

## Technical Data Sheet

### Hostacom DKG 2067T BLACK

Polypropylene Compounds

#### Product Description

**Hostacom DKG 2067T BLACK** is a 30% glass fiber reinforced PP (coupled). It combines stiffness properties with a low shrinkage and high tensile strain at break.

The product is available as a customized color matched, pellet form. This grade is delivered in black color version.

*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>	Low Shrinkage

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	3	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	4	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)	5100	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	80	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	5000	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	52	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	6	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	20	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	10	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	65	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
Vicat Softening Temperature, (B50)	60	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	152	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	121	°C	ISO 75A-1, -2