

**Product Texts**

Base Polymer	Polypropylene Homopolymer
Filler	40% glass fiber
Colour	black
Special Features	processing stabilized, low emission
Market Segment	Automotive, Various

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	30	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	7000	MPa	ISO 527
Tensile Strength	80	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	40	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	161	°C	ISO 75-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1260	kg/m <sup>3</sup>	ISO 1183
Global warming potential	1.11	kg CO <sub>2</sub> eq./kg	ISO 14040, 14044

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	200 - 270	°C	-
Mold temperature	20 - 60	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Features**

Low Emission, Homopolymer

**Certifications**

Recycled Resin Content

**Applications**

Automotive

**Regional Availability**

Europe