

**Product Texts**

Base Polymer	Polypropylene
Filler	20% glass fiber
Colour	black
Special Features	processing stabilized
Market Segment	Automotive, Various

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	15	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	3600	MPa	ISO 527
Tensile Strength	45	MPa	ISO 527
Strain at break	4.5	%	ISO 527
Flexural modulus, 23°C	3100	MPa	ISO 178
Flexural strength	75	MPa	ISO 178
Charpy impact strength, +23°C	35	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eA

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	168	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	151	°C	ISO 75-1/-2
Vicat softening temperature, B	108	°C	ISO 306

**Other properties**

	Value	Unit	Test Standard
Density	1040	kg/m <sup>3</sup>	ISO 1183
Global warming potential	0.45	kg CO <sub>2</sub> eq./kg	ISO 14040, 14044

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
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

**Applications**

Automotive

**Delivery form**

Black

**Regional Availability**

Europe

**Certifications**

Recycled Resin Content