

Product Texts

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

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	25	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4500	MPa	ISO 527
Tensile Strength	62	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	3800	MPa	ISO 178
Flexural strength	100	MPa	ISO 178
Charpy impact strength, +23°C	40	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	160	°C	ISO 75-1/-2

Other properties

	Value	Unit	Test Standard
Density	1050	kg/m ³	ISO 1183
Global warming potential	1.42	kg CO ₂ 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

Delivery form

Black

Features

Low Emission, Homopolymer

Certifications

Recycled Resin Content

Applications

Automotive

Regional Availability

Europe