

Product Texts

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

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	6	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7000	MPa	ISO 527
Tensile Strength	80	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	43	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA

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

Other properties	Value	Unit	Test Standard
Density	1260	kg/m ³	ISO 1183
Global warming potential	1.11	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

Homopolymer

Certifications

Recycled Resin Content

Applications

Automotive

Regional Availability

Europe