

Product Texts

Base Polymer	Polypropylene
Filler	30% 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	25	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4000	MPa	ISO 527
Tensile Strength	50	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Flexural modulus, 23°C	3700	MPa	ISO 178
Flexural strength	70	MPa	ISO 178
Charpy impact strength, +23°C	35	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			
Melting temperature, 10°C/min	162	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	126	°C	ISO 75-1/-2
Vicat softening temperature, B	113	°C	ISO 306

Other properties

	Value	Unit	Test Standard
Density	1120	kg/m ³	ISO 1183
Global warming potential	0.76	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

Applications

Automotive

Delivery form

Black

Regional Availability

Europe

Certifications

Recycled Resin Content