

Product Texts

Base Polymer	Polyamide 6
Filler	30% glass fiber
Colour	black
Special Features	-
Market Segment	Various

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8500	MPa	ISO 527
Tensile Strength	132	MPa	ISO 527
Strain at break	3.5	%	ISO 527
Flexural modulus, 23°C	7500	MPa	ISO 178
Flexural strength	220	MPa	ISO 178
Charpy impact strength, +23°C	65	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	219	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	1360	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 8	h	-
Processing humidity	≤0.12	%	-
Melt temperature	240 - 270	°C	-
Mold temperature	60 - 100	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Certifications

Recycled Resin Content

Regional Availability

Europe