

Product Texts

Base Polymer	Polyamide 66
Filler	30% glass fiber
Colour	black
Special Features	
Market Segment	Various

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	25	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8000	MPa	ISO 527
Tensile Strength	128	MPa	ISO 527
Strain at break	4.5	%	ISO 527
Flexural modulus, 23°C	6500	MPa	ISO 178
Flexural strength	180	MPa	ISO 178
Charpy impact strength, +23°C	50	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			
Temp. of deflection under load, 1.80 MPa	237	°C	ISO 75-1/-2

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	280 - 300	°C	-
Mold temperature	80 - 120	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Chemical Resistance

Hydrolytically Stable

Certifications

Recycled Resin Content

Regional Availability

Europe