

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	20 % glass fibres
Special Features	impact modified,contains recycled material
Market Segment	Automotive,building and construction,various
Application Area	cooling system,filter systems,transport systems,various
Typical Applications	oil pump parts,housing and automotive trim unpainted,various

Processing/Physical Characteristics**Value****Unit****Test Standard****ISO Data**

^[C] Melt volume-flow rate, MVR	35	cm ³ /10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-

[C]: CAMPUS

Mechanical properties**Value****Unit****Test Standard****ISO Data**

^[C] Tensile Modulus	6500	MPa	ISO 527
^[C] Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties**Value****Unit****Test Standard****ISO Data**

^[C] Temp. of deflection under load, 1.80 MPa	225	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	240	°C	ISO 306

[C]: CAMPUS

Other properties**Value****Unit****Test Standard**

^[C] Density	1250	kg/m ³	ISO 1183
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[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Certifications

Recycled Resin Content

Special Characteristics

High impact or impact modified

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa

Other text information**Injection molding**

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content 0,15 % max. moisture content
Processing Injection Moulding	melt temperature 280-300 °C mould temperature 80-120 °C
Storage	dry, protected from light not above 30°C