

**Product Texts**

Base Polymer	Polyamide 66
Filler/Additive System	30 % glass fibres
Special Features	impact modified,contains recycled material
Market Segment	Automotive,various
Application Area	cooling system,chassis, steering,various
Typical Applications	oil pump parts,housing and automotive trim unpainted,impact protection / shock absorber,various

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>8600</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>135</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>3</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>50</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>7</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	<b>235</b>	°C	ISO 75-1/-2

[C]: CAMPUS

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	<b>1300</b>	kg/m <sup>3</sup>	ISO 1183

[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  
0,10 % 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