

**Product Texts**

Base Polymer	Polyphenylene Sulphide
Filler/Additive System	30 % glass fibres
Special Features	high toughness, high stiffness
Market Segment	Automotive, Machinery
Application Area	injection moulded parts

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	11600	MPa	ISO 527
<sup>[C]</sup> Stress at break	170	MPa	ISO 527
<sup>[C]</sup> Strain at break	2	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	42	kJ/m <sup>2</sup>	ISO 179/1eU

[C]: CAMPUS

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	272	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

[C]: CAMPUS

**Other properties**

	Value	Unit	Test Standard
<sup>[C]</sup> Density	1570	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

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

**Other text information**

**Injection molding**

Pre-Drying Conditions      in a dry air (dessiccant) dryer 130-140 °C  
 for 2-4 h  
 dependant on moisture content

Processing Injection Moulding      melt temperature 320-340 °C  
 mould temperature >140 °C

Storage      dry, protected from light  
 not above 30°C