

**Product Texts**

Base Polymer	Polyphthalamide
Filler/Additive System	30 % mineral
Special Features	elastomer modified, heat stabilised
Application Area	injection moulded parts

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>4000 / 4100</b>	MPa	ISO 527
<sup>[C]</sup> Yield stress	<b>* / 55</b>	MPa	ISO 527
<sup>[C]</sup> Yield strain	<b>* / 3.8</b>	%	ISO 527
<sup>[C]</sup> Stress at break	<b>62 / *</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>4.1 / *</b>	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	<b>90 / 60</b>	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>6 / 4.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	<b>98 / *</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5 / *</b>	mm	-
Yellow Card available	<b>yes / *</b>	-	-

[C]: CAMPUS

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	<b>1360 / -</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Regional Availability**

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

**Special Characteristics**

Heat stabilized or stable to heat

**Other text information****Injection molding**

Pre-Drying Conditions      in a dry air (dessiccant) dryer <110 °C  
for 4-8 h  
max. moisture content <0,03 %

Processing Injection Moulding      melt temperature 310-330 °C  
mould temperature 70-100 °C

Storage      dry, protected from light