

**Product Texts**

Base Polymer	Polyphthalamide
Filler/Additive System	mineral
Special Features	high heat stabilised,elastomer modified,easy release (demoulding),low warpage,injection moulding grade,good flow,low water absorption

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	5 / *	cm <sup>3</sup> /10min	ISO 1133
Temperature	325 / *	°C	-
Load	5 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	4400 / -	MPa	ISO 527
<sup>[C]</sup> Stress at break	70 / -	MPa	ISO 527
<sup>[C]</sup> Strain at break	4 / -	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	105 / -	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	6.5 / -	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	110 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Yellow Card available	yes / *	-	-

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1350 / -	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**

High impact or impact modified

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

Pre-Drying Conditions 80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content max. moisture content <0,03 %

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

Storage dry, protected from light not above 30°C