

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	25 % glass fibres
Special Features	easy release (demoulding),easy flow,high heat stabilised
Typical Applications	various

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	8400 / 5000	MPa	ISO 527
^[C] Stress at break	160 / 105	MPa	ISO 527
^[C] Strain at break	3.5 / 8	%	ISO 527
^[C] Charpy impact strength, +23°C	50 / 97	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	8 / 12	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	250 / *	°C	ISO 75-1/-2
^[C] 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
^[C] Density	1330 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Special Characteristics

Heat stabilized or stable to heat

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 <0,15 %

Processing Injection Moulding melt temperature 280-300 °C mould temperature 80-120 °C

Storage dry, protected from light