

Product Texts

Base Polymer	Polyamide 6
Special Features	flame retardant, halogen-free flame retardant
Typical Applications	various

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	3400 / -	MPa	ISO 527
^[C] Yield stress	75 / -	MPa	ISO 527
^[C] Yield strain	3.5 / -	%	ISO 527
^[C] Charpy impact strength, +23°C	65 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	3.5 / -	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	70 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	-
Yellow Card available	yes / *	-	-

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1170 / -	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

Flame retardant

Other text information**Injection molding**

Pre-Drying Conditions 80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content

Processing Injection Moulding melt temperature 250-270 °C
mould temperature 40-80 °C

Storage dry, protected from light
not above 30°C