

Product Texts

Base Polymer	Polyamide 6
Special Features	fast solidifying,easy release (demoulding),heat stabilised
Market Segment	building and construction,various
Application Area	interior decoration / finishing,profiles,various,injection moulded parts
Typical Applications	window profile,various

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	3700 / -	MPa	ISO 527
^[C] Yield stress	83 / -	MPa	ISO 527
^[C] Yield strain	3.8 / -	%	ISO 527
^[C] Charpy impact strength, +23°C	N / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	4 / -	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	67 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1110 / -	kg/m ³	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	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