

Product Texts

Base Polymer	Polyamide 6
Special Features	fast solidifying,easy release (demoulding),heat stabilised,contains recycled material
Market Segment	electrical and electronic,Automotive,building and construction,various
Application Area	ducting / piping systems,consumer electronics,various
Typical Applications	conduit,technical profiles,various

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	3200	MPa	ISO 527
^[C] Yield stress	83	MPa	ISO 527
^[C] Yield strain	4.3	%	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

	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	60	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1130	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

Certifications

Recycled Resin Content

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