

Product Texts

Base Polymer	Polyamide 6
Special Features	fast solidifying,easy release (demoulding),easy flow,laser etchable (blue etching)
Typical Applications	housings,handles,various

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	3200 / -	MPa	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	65 / *	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	200 / *	°C	ISO 306

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1130 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Applications

Encapsulation

Delivery form

Black

Regional Availability

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

Features

Laser Markable

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 250-270 °C
mould temperature 40-80 °C

Storage dry, protected from light
not above 30°C