

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	15 % glass fibres,8 % special filler
Special Features	highly reflective,opaque,slip agent,heat stabilised
Market Segment	Automotive,electrical and electronic,Lighting
Application Area	lighting,interior decoration / finishing,light blocking components
Typical Applications	light guides,reflectors,handles

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	5400 / -	MPa	ISO 527
^[C] Stress at break	85 / -	MPa	ISO 527
^[C] Strain at break	2 / -	%	ISO 527
^[C] Charpy impact strength, +23°C	30 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	3 / -	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	197 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1310 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Applications

Automotive, Electrical and Electronical

Delivery form

White

Regional Availability

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

Special Characteristics

Heat stabilized or stable to heat, Opaque

Other text information**Injection molding**

Pre-Drying Conditions in a dry air (dessiccant) dryer <80 °C
 for 2-12 h
 max. moisture content <0,15 %

Processing Injection Moulding melt temperature 270-290 °C
 mould temperature 80-100 °C

Storage dry, protected from light