

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	30 % glass fibres
Special Features	highly reflective,opaque,slip agent
Market Segment	Automotive,various
Application Area	lighting,light blocking components,interior decoration / finishing
Typical Applications	light guides,reflectors,handles

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	9400 / 4800	MPa	ISO 527
^[C] Stress at break	122 / 65	MPa	ISO 527
^[C] Strain at break	2 / 4	%	ISO 527
^[C] Charpy impact strength, +23°C	39 / 50	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	6 / 8.5	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	205 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1420 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Features

Light Blocking

Delivery form

White

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Special Characteristics

Heat stabilized or stable to heat

Other text information**Injection molding**

Pre-Drying Conditions 80 °C in a dry air (dessiccant) dryer
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