

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	special filler,8 % glass fibres
Special Features	thermal conductive,electrically conductive,heat stabilised
Market Segment	Automotive,Machinery,electrical and electronic,Lighting
Application Area	electrical components,radiator systems,cooling system
Typical Applications	housings,functional components

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	10400	MPa	ISO 527
^[C] Charpy impact strength, +23°C	6	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	2	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	245	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	246	°C	ISO 306
^[C] Coeff. of linear therm. expansion, parallel	2	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	0.52	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Surface resistivity	150	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1510	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

Special Characteristics

Increased electrical conductivity

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 300-320 °C
mould temperature 100-130 °C

Storage dry, protected from light