

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	special filler
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	6000	MPa	ISO 527
^[C] Stress at break	50	MPa	ISO 527
^[C] Strain at break	1.5	%	ISO 527
^[C] Charpy impact strength, +23°C	10	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	2.5	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	220	°C	ISO 75-1/-2

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Surface resistivity	5000	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1340	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

Special Characteristics

Increased electrical conductivity, Thermally Conductive

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