ALCOM PA66 910/32.1 TCE2

PA66-X | MOCOM Compounds GmbH & Co. KG

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	**3300**	MPa	ISO 527
[C] Charpy impact strength, +23°C	**18**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**4**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**84**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**236**	°C	ISO 306

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
[C] Surface resistivity	**10000**	Ohm	IEC 62631-3-2
[C] Comparative tracking index	**550**	-	IEC 60112

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1230**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

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

Special Characteristics

Increased electrical conductivity, Anti-static, 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