ALCOM PA66 910/1.1 CF10 GF10 IM

PA66-(CF+GF)20 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 66
Filler/Additive System	10 % carbon fibres,10 % glass fibres
Special Features	electrically conductive,reduced surface resistivity,impact modified,heat stabilised,high stiffness
Market Segment	Automotive,Machinery
Application Area	various
Typical Applications	bearings,functional components

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**10000 / -**	MPa	ISO 527
[C] Stress at break	**150 / -**	MPa	ISO 527
[C] Strain at break	**3.5 / -**	%	ISO 527
[C] Charpy impact strength, +23°C	**65 / -**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**15 / -**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**250 / ***	°C	ISO 75-1/-2

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Surface resistivity	*** / 300**	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1200 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

Increased electrical conductivity, High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

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

Other text information

Injection molding

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content
Processing Injection Moulding	melt temperature 280-300 °C mould temperature 80-120 °C
Storage	dry, protected from light not above 30°C