ALCOM PA66 910/1.1 CF30 PTFE15

(PA66+PTFE)-CF30 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 66
Filler/Additive System	30 % carbon fibres,15 % PTFE
Special Features	electrically conductive,reduced surface resistivity,improved sliding / wear,heat stabilised
Market Segment	Automotive,Machinery
Typical Applications	functional components

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**22000 / -**	MPa	ISO 527
[C] Stress at break	**220 / -**	MPa	ISO 527
[C] Strain at break	**2 / -**	%	ISO 527
[C] Charpy impact strength, +23°C	**60 / -**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**10 / -**	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	**255 / ***	°C	ISO 75-1/-2

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Surface resistivity	*** / 450**	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1370 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

Increased electrical conductivity, 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