ALCOM PA66 910/1 GF30 TF15 UV

(PA66+PTFE)-GF30 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 66
Filler/Additive System	30 % glass fibres,15 % PTFE,highly UV stabilised
Special Features	improved sliding / wear,heat stabilised
Market Segment	Automotive,Machinery
Application Area	injection moulded parts
Typical Applications	functional components,bearings and sliding elements

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**9800 / -**	MPa	ISO 527
[C] Stress at break	**160 / -**	MPa	ISO 527
[C] Strain at break	**2.8 / -**	%	ISO 527
[C] Charpy impact strength, +23°C	**70 / -**	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	**250 / ***	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**252 / ***	°C	ISO 306

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1480 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

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

Special Characteristics

U.V. stabilized or stable to weather

Other text information

Injection molding

Pre-Drying Conditions	in a dry air (dessiccant) dryer <80 °C 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