ALTECH PA66 A 2030/500 HR GF30 BK0002-00

PA66-GF30 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 66
Filler/Additive System	30 % glass fibres
Special Features	high heat stabilised,hot oil resistant,good hydrolysis resistant,glycol resistant,easy release (demoulding),injection moulding grade
Market Segment	various
Application Area	various

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**9600 / -**	MPa	ISO 527
[C] Stress at break	**170 / -**	MPa	ISO 527
[C] Strain at break	**3.4 / -**	%	ISO 527
[C] Charpy impact strength, +23°C	**70 / -**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**8.5 / -**	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

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1380 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Chemical Resistance
Hydrolytically Stable, Oil Resistance

Delivery form
Black

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

Special Characteristics
Heat stabilized or stable to heat

Other text information

Injection molding

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content max. moisture content <0,15 %
Processing Injection Moulding	melt temperature 280-300 °C mould temperature 80-90 °C
Storage	dry, protected from light