ALTECH PA6 B 2030/500 GF30

PA6-GF30 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 6
Filler/Additive System	30 % glass fibres
Special Features	glycol resistant,hot oil resistant,good chemical resistance,easy flow,easy release (demoulding),high heat stabilised
Application Area	engine and drive systems
Typical Applications	various

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**8500**	MPa	ISO 527
[C] Stress at break	**150**	MPa	ISO 527
[C] Strain at break	**2.7**	%	ISO 527
[C] Charpy impact strength, +23°C	**50**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**8**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**200**	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1360**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, 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 max. moisture content <0,15 %
Processing Injection Moulding	melt temperature 270-290 °C mould temperature 80-100 °C
Storage	dry, protected from light not above 30°C