ALTECH PA66 A 2035/507 GF35 EF

PA66-GF35 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 66
Filler/Additive System	35 % glass fibres
Special Features	hot oil resistant,improved surface appearance,easy release (demoulding),easy flow,heat stabilised
Market Segment	Automotive
Application Area	engine and drive systems
Typical Applications	various

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**11500 / 7000**	MPa	ISO 527
[C] Stress at break	**190 / 130**	MPa	ISO 527
[C] Strain at break	**3 / 6**	%	ISO 527
[C] Charpy impact strength, +23°C	**85 / 100**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**12 / 18**	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

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1410 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

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 max. moisture content <0,15 %
Processing Injection Moulding	melt temperature 280-300 °C mould temperature 80-120 °C
Storage	dry, protected from light