ALTECH PA66 ECO 2035/500 GF35

PA66-GF35 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 66
Filler/Additive System	35 % glass fibres
Special Features	contains recycled material,heat stabilised
Market Segment	Automotive,various
Application Area	cooling system,chassis, stearing,radiator systems
Typical Applications	oil pump parts,housing and automotive trim unpainted,oil pans / sumps,bearing cages

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**10800**	MPa	ISO 527
[C] Stress at break	**165**	MPa	ISO 527
[C] Strain at break	**2.3**	%	ISO 527
[C] Charpy impact strength, +23°C	**45**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**6.5**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**253**	°C	ISO 75-1/-2

[C]: CAMPUS

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

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Applications
Automotive

Special Characteristics
Heat stabilized or stable to heat

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

Certifications
Recycled Resin Content

Other text information

Injection molding

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content 0,12 % max. moisture content
Processing Injection Moulding	melt temperature 280-300 °C mould temperature 80-120 °C
Storage	dry, protected from light