ALTECH PA66 A 2040/100.01 GF40

PA66-GF40 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 66
Filler/Additive System	40 % glass fibres
Special Features	improved surface appearance,heat stabilised,high stiffness,injection moulding grade
Typical Applications	pedals,highly stressed parts

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**13000 / 8400**	MPa	ISO 527
[C] Stress at break	**205 / 135**	MPa	ISO 527
[C] Strain at break	**3 / 5**	%	ISO 527
[C] Charpy impact strength, +23°C	**90 / 100**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**13 / 19**	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	**1450 / -**	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 max. moisture content <0,15 %
Processing Injection Moulding	melt temperature 270-300 °C mould temperature 80-120 °C