ALTECH PA6 A 2050/560 GF50

PA6-GF50 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 6
Filler/Additive System	50 % glass fibres
Special Features	high heat stabilised,easy release (demoulding),easy flow,injection moulding grade
Typical Applications	air duct,engine and drive systems,various

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**16000 / 10000**	MPa	ISO 527
[C] Stress at break	**210 / 137**	MPa	ISO 527
[C] Strain at break	**3 / 4.5**	%	ISO 527
[C] Charpy impact strength, +23°C	**95 / 92**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**16 / 23**	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	**216 / ***	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1570 / -**	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

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