ALTECH PA6 A 2015/310 GF15 IM

PA6-I-GF15 MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 6
Filler/Additive System	15 % glass fibres
Special Features	impact modified,heat stabilised,injection moulding grade
Market Segment	Machinery,electrical and electronic
Application Area	power tools,injection moulded parts
Typical Applications	housings,operating elements,impact protection / shock absorber

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**4600**	MPa	ISO 527
[C] Stress at break	**84**	MPa	ISO 527
[C] Strain at break	**4.5**	%	ISO 527
[C] Charpy impact strength, +23°C	**65**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**20**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**190**	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1190**	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	in a dry air (dessiccant) dryer 60-80 °C for 2-6 h in an air circulating dryer 60-80 °C for 2-6 h
Processing Injection Moulding	melt temperature 270-290 °C mould temperature 80-90 °C
Storage	dry, protected from light not above 30°C

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