ALTECH PA6 A 2015/710 GF15 IM

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

Product Texts	
Base Polymer	Polyamide 6
Filler/Additive System	15 % glass fibres
Special Features	high impact modified,heat stabilised
Market Segment	Automotive,Machinery,building and construction,sport and leisure
Application Area	injection moulded parts
Typical Applications	clothing / fasteners,housings,functional components

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**4800 / -**	MPa	ISO 527
[C] Stress at break	**90 / -**	MPa	ISO 527
[C] Strain at break	**4.2 / -**	%	ISO 527
[C] Charpy impact strength, +23°C	**70 / -**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**17 / -**	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	**198 / ***	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1180 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Applications

Automotive, Building Construction, Encapsulation, Sports Equipment

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 <0,12 %
Processing Injection Moulding	melt temperature 270-290 °C mould temperature 80-100 °C
Storage	dry, protected from light