ALTECH PA6 A 2003/712 GF3 IM UV

PA6-I-GF3 — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polyamide 6
Filler/Additive System	3 % glass fibres
Special Features	impact modified,fast solidifying,easy release (demoulding),UV stabilised
Market Segment	Automotive,Machinery,building and construction,sport and leisure
Application Area	injection moulded parts

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2700**	MPa	ISO 527
[C] Stress at break	**55**	MPa	ISO 527
[C] Strain at break	**15**	%	ISO 527
[C] Charpy impact strength, +23°C	**100**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**10**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**60**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**186**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1120**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

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

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

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 250-270 °C mould temperature 40-80 °C
Storage	dry, protected from light

Copyright Altair Engineering GmbH. Altair Engineering GmbH assumes no liability for the system to be free of errors. The user takes sole responsibility for the use of this data under the exclusion of every liability from Altair Engineering GmbH; this is especially valid for claims of compensation resulting from consequential damages. Altair explicitly points out that any decision about the application of materials must be double checked with the producer of this material. This includes all contents of this system. Copyright laws are applicable for the content of this system.