

**ALTECH PA6 A 3030/320 GB30 UV**

(Last update: 11.05.2022)

**MOCOM**

Base Polymer	Polyamide 6
Filler/Additive System	30 % glass beads
Colour	grey
Special Features	fast solidifying,easy release (demoulding),low warpage,highly UV stabilised,heat stabilised,processing stabilised
Market Segment	Automotive,Machinery,building and construction,sport and leisure,electrical and electronic
Application Area	injection moulded parts,exterior parts,electrical components
Typical Applications	functional components,housings,operating elements

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

Properties	dry/cond.	Dimension	Test Norm
<b>Mechanical Properties</b>			
Flexural Modulus	3600 / -	MPa	ISO 178
Flexural Stress (3.5% Strain)	100 / -	MPa	ISO 178
Tensile Modulus	3600 / -	MPa	ISO 527
Tensile Stress at Yield	70 / -	MPa	ISO 527
Tensile Elongation at Yield	3.5 / -	%	ISO 527
Tensile Elongation at Break	10 / -	%	ISO 527
Impact Strength (Charpy, 23°C)	125 / -	kJ/m²	ISO 179/1eU
Impact Strength (Charpy, -40°C)	35 / -	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	6 / -	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy, -40°C)	3 / -	kJ/m²	ISO 179/1eA
<b>Thermal Properties</b>			
HDT / A (1,8 MPa)	65 / *	°C	ISO 75-1/-2
DSC (Melt Point)	220 / *	°C	ISO 11357
<b>Physical Properties</b>			
Density	1350 / -	kg/m³	ISO 1183

**Liability Exclusion**

These are guide values and not a specification. The test values mentioned are representative values only and not binding minimum or maximum figures. These test values have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions.

Any information given on the chemical and physical characteristics of our products, including, without limitation, technical advice on



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