

**ALTECH PA66 A 2030/578 GF30**

(Last update: 25.02.2021)

**MOCOM**

Base Polymer	Polyamide 66
Filler/Additive System	30 % glass fibres
Colour	black,natural color
Special Features	heat stabilised,easy release (demoulding),easy flow
Typical Applications	housings,injection moulded parts,various

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 280-300 °C mould temperature 80-120 °C
Storage	dry, protected from light

Properties	dry/cond.	Dimension	Test Norm
<b>Mechanical Properties</b>			
Flexural Modulus	8400 / -	MPa	ISO 178
Flexural Strength	245 / -	MPa	ISO 178
Tensile Modulus	9100 / -	MPa	ISO 527
Tensile Strength at Break	180 / -	MPa	ISO 527
Tensile Elongation at Break	2.8 / -	%	ISO 527
Impact Strength (Charpy, 23°C)	45 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Impact Strength (Charpy, -40°C)	35 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	8 / -	kJ/m <sup>2</sup>	ISO 179/1eA
Notched Impact Strength (Charpy, -40°C)	7 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal Properties</b>			
HDT / A (1,8 MPa)	245 / *	°C	ISO 75-1/-2
DSC (Melt Point)	264 / *	°C	ISO 11357
<b>Physical Properties</b>			
Density	1380 / -	kg/m <sup>3</sup>	ISO 1183
<b>Flammability</b>			
Flammability (0.75 mm)	HB / *	class	UL 94

**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.

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