

ALTECH PA66 A 3030/109 GB30

(Last update: 27.03.2017)

Base Polymer	Polyamide 66
Filler/Additive System	30 % glass beads
Special Features	high flow,heat ageing stabilisation,easy release (demoulding),high surface quality,low warpage
Application Area	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 Conditions	injection moulding melt temperature 280-300 °C injection moulding mould temperature 80-120 °C
Storage	dry, protected from light not above 30°C

Properties	Value	Dimension	Test Norm
Mechanical Properties			
Flexural strength	120	MPa	ISO 178
Tensile modulus	4800	MPa	ISO 527-1/-2
Tensile strength at break	80	MPa	ISO 527-1/-2
Tensile elongation at break	6.7	%	ISO 527-1/-2
Charpy notched impact 1eA	2.8	kJ/m ²	ISO 179/1eA
Charpy impact strength 1eU	25	kJ/m ²	ISO 179/1eU
Thermal Properties			
Vicat B50	245	°C	ISO 306
HDT / A (1,8 MPa)	94	°C	ISO 75-1/-2
DSC (Melt Point)	263	°C	ISO 11357
Physical Properties			
Density	1350	kg/m ³	ISO 1183
Flammability			
Flammability, 1.5 mm	HB	class	UL 94
Glow Wire 650°C 2mm (GWFI)	passed	-	DIN EN 60695

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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