

ALTECH PA66 A 2030/109 GF30

(Last update: 27.01.2025)

MOCOM

Base Polymer	Polyamide 66
Filler/Additive System	30 % glass fibres
Colour	black,green,grey,natural color
Special Features	heat stabilised,easy release (demoulding),easy flow
Market Segment	Automotive
Application Area	exterior parts,interior decoration / finishing,injection moulded parts
Typical Applications	housings,different automotive powertrain parts

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content max. moisture content <0,15 %
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Processing Injection Moulding	melt temperature 280-300 °C mould temperature 80-120 °C
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Storage	dry, protected from light
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Properties	dry/cond.	Dimension	Test Norm
Mechanical Properties			
Flexural Modulus	8500 / 6000	MPa	ISO 178
Flexural Strength	250 / 185	MPa	ISO 178
Tensile Modulus	10000 / 6400	MPa	ISO 527
Tensile Strength at Break	180 / 110	MPa	ISO 527
Tensile Elongation at Break	3.1 / 5.5	%	ISO 527
Impact Strength (Charpy, 23°C)	55 / 75	kJ/m²	ISO 179/1eU
Impact Strength (Charpy, -40°C)	50 / -	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	9 / 10	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy, -40°C)	8 / -	kJ/m²	ISO 179/1eA
Thermal Properties			
HDT / A (1,8 MPa)	250 / *	°C	ISO 75-1/-2
DSC (Melt Point)	263 / *	°C	ISO 11357
Rheological Properties			
Shrinkage (lengthwise, 24h)	0.3 - 0.5	%	ISO 294-4
Shrinkage (lateral, 24h)	0.8 - 1	%	ISO 294-4
Physical Properties			
Density	1360 / -	kg/m³	ISO 1183
Flammability			
Flammability (0.75 mm)	HB / *	class	UL 94

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Yellow Card available

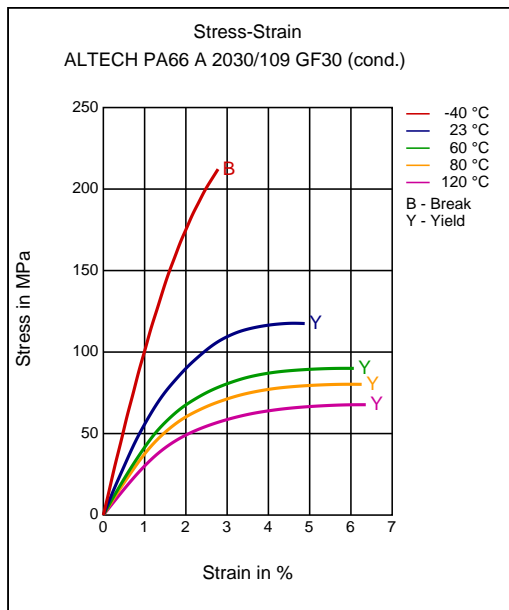
yes / *

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Diagrams

Stress-Strain



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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