

ALTECH PA66 A 2015/109 GF15

(Last update: 05.02.2025)

MOCOM

Base Polymer	Polyamide 66
Filler/Additive System	15 % glass fibres
Colour	red,black,green,brown,grey,natural color,orange,yellow
Special Features	heat stabilised,easy release (demoulding),good flow
Market Segment	Automotive
Application Area	interior decoration / finishing,exterior parts,injection moulded parts
Typical Applications	various,clips

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content 0,15 % max. moisture content
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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	5300 / 3200	MPa	ISO 178
Flexural Strength	180 / 115	MPa	ISO 178
Tensile Modulus	5900 / 3300	MPa	ISO 527
Tensile Strength	115 / -	MPa	ISO 527
Tensile Strength at Break	- / 80	MPa	ISO 527
Tensile Elongation at Break	2.5 / 13	%	ISO 527
Impact Strength (Charpy, 23°C)	30 / 63	kJ/m²	ISO 179/1eU
Impact Strength (Charpy, -40°C)	29 / -	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	4.5 / 6	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy, -40°C)	4 / -	kJ/m²	ISO 179/1eA
Thermal Properties			
HDT / A (1,8 MPa)	244 / *	°C	ISO 75-1/-2
DSC (Melt Point)	264 / *	°C	ISO 11357
Rheological Properties			
Shrinkage (lengthwise, 24h)	0.4 - 0.6	%	ISO 294-4
Shrinkage (lateral, 24h)	1 - 1.2	%	ISO 294-4
Physical Properties			
Density	1230 / -	kg/m³	ISO 1183



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Flammability

Flammability (0.75 mm)

Yellow Card available

HB / *

yes / *

class

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UL 94

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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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