

ALTECH PA6 A 4030/516 MR30 IM

(Last update: 11.04.2024)

MOCOM

Base Polymer	Polyamide 6
Filler/Additive System	30 % mineral
Special Features	various,heat stabilised,injection moulding grade
Market Segment	various
Application Area	various
Typical Applications	various,injection moulded parts

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content
Processing Injection Moulding	melt temperature 270-290 °C mould temperature 80-100 °C
Storage	dry, protected from light

Properties	dry/cond.	Dimension	Test Norm
Mechanical Properties			
Flexural Modulus	4800 / -	MPa	ISO 178
Flexural Strength	115 / -	MPa	ISO 178
Tensile Modulus	5200 / -	MPa	ISO 527
Tensile Strength at Break	70 / -	MPa	ISO 527
Tensile Elongation at Break	4.3 / -	%	ISO 527
Impact Strength (Charpy, 23°C)	60 / -	kJ/m ²	ISO 179/1eU
Impact Strength (Charpy, -40°C)	60 / -	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	3 / -	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy, -40°C)	3 / -	kJ/m ²	ISO 179/1eA
Thermal Properties			
DSC (Melt Point)	220 / *	°C	ISO 11357
Physical Properties			
Density	1370 / -	kg/m ³	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.

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