

ALCOM MS PA66+6I/X 2060 UV 17066

(Last update: 23.11.2023)

MOCOM

Base Polymer	Partially aromatic polyamide
Filler/Additive System	60 % glass fibres
Special Features	heat stabilised,easy release (demoulding),highly UV stabilised,high stiffness,improved surface appearance
Market Segment	Automotive,Machinery
Application Area	injection moulded parts,interior decoration / finishing

Pre-Drying Conditions in a dry air (dessiccant) dryer <80 °C
for 2-12 h
max. moisture content <0,10 %

Processing Injection Moulding melt temperature 280-300 °C
mould temperature 80-120 °C

Storage dry, protected from light

Properties	dry/cond.	Dimension	Test Norm
Mechanical Properties			
Flexural Modulus	19600 / 17400	MPa	ISO 178
Flexural Strength	365 / 300	MPa	ISO 178
Tensile Modulus	20300 / 19000	MPa	ISO 527
Tensile Strength at Break	235 / 195	MPa	ISO 527
Tensile Elongation at Break	2.1 / 2.4	%	ISO 527
Impact Strength (Charpy, 23°C)	80 / 75	kJ/m ²	ISO 179/1eU
Impact Strength (Charpy, -40°C)	75 / -	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	13 / 12	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy, -40°C)	11 / -	kJ/m ²	ISO 179/1eA
Thermal Properties			
HDT / A (1,8 MPa)	250 / *	°C	ISO 75-1/-2
DSC (Melt Point)	257 / *	°C	ISO 11357
Rheological Properties			
Shrinkage (lengthwise, 24h)	0.1 - 0.3	%	ISO 294-4
Shrinkage (lateral, 24h)	0.2 - 0.4	%	ISO 294-4
Physical Properties			
Density	1730 / -	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.

Any information given on the chemical and physical characteristics of our products, including, without limitation, technical advice on applications, whether verbally, in writing or by testing the product, is given to the best of our knowledge and in good faith and does not



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- risk class III applications according to EU directive 93/42/EEC
- any bodily implant application for greater than 30 days
- any critical component in any medical device that supports or sustains human life.

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