

Technical Data Sheet



ALTECH PA66 A 3015/100 GB15

Base Polymer	Polyamide 66
Filler/Additive System	15 % glass beads
Colour	natural color
Special Features	heat stabilised,easy release (demoulding),improved surface appearance
Market Segment	various,Automotive
Application Area	clothing / fasteners,bezels

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	3400 / -	MPa	ISO 178
Flexural Stress (3.5% Strain)	100 / -	MPa	ISO 178
Tensile Modulus	3500 / -	MPa	ISO 527
Tensile Strength at Break	75 / -	MPa	ISO 527
Tensile Elongation at Break	2.9 / -	%	ISO 527
Impact Strength (Charpy, 23°C)	20 / -	kJ/m ²	ISO 179/1eU
Impact Strength (Charpy, -40°C)	20 / -	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	2.5 / -	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy, -40°C)	1.5 / -	kJ/m ²	ISO 179/1eA
Thermal Properties			
HDT / A (1,8 MPa)	94 / *	°C	ISO 75-1/-2
DSC (Melt Point)	263 / *	°C	ISO 11357
Rheological Properties			
Shrinkage (lengthwise, 24h)	0.9 - 1.1	%	ISO 294-4
Shrinkage (lateral, 24h)	1 - 1.4	%	ISO 294-4
Physical Properties			
Density	1230 / -	kg/m ³	ISO 1183