

Technical Data Sheet



ALTECH PA66 A 2030/578 GF30

Base Polymer	Polyamide 66
Filler/Additive System	30 % glass fibres
Colour	black,natural color
Special Features	heat stabilised,easy release (demoulding),easy flow
Typical Applications	housings,injection moulded parts,various

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content max. moisture content <0,15 %
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	8400 / -	MPa	ISO 178
Flexural Strength	245 / -	MPa	ISO 178
Tensile Modulus	9100 / -	MPa	ISO 527
Tensile Strength at Break	180 / -	MPa	ISO 527
Tensile Elongation at Break	2.8 / -	%	ISO 527
Impact Strength (Charpy, 23°C)	45 / -	kJ/m ²	ISO 179/1eU
Impact Strength (Charpy, -40°C)	35 / -	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	8 / -	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy, -40°C)	7 / -	kJ/m ²	ISO 179/1eA
Thermal Properties			
HDT / A (1,8 MPa)	245 / *	°C	ISO 75-1/-2
DSC (Melt Point)	264 / *	°C	ISO 11357
Physical Properties			
Density	1380 / -	kg/m ³	ISO 1183
Flammability			
Flammability (0.75 mm)	HB / *	class	UL 94