

Technical Data Sheet



ALTECH PA66 IQ 2050/100 GF50

Base Polymer	Polyamide 66
Filler/Additive System	50 % glass fibres
Special Features	contains recycled material
Market Segment	Machinery,building and construction
Typical Applications	injection moulding grade

Pre-Drying Conditions	in a dry air (dessiccant) dryer <80 °C for 2-12 h dependant on moisture content max. moisture content <0,12 %
Processing Conditions	injection moulding melt temperature 280-300 °C injection moulding mould temperature 80-120 °C
Storage	dry, protected from light

Properties	Value	Dimension	Test Norm
Mechanical Properties			
Tensile Modulus	12400	MPa	ISO 527
Tensile Strength at Break	135	MPa	ISO 527
Tensile Elongation at Break	2.1	%	ISO 527
Impact Strength (Charpy, 23°C)	50	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	6	kJ/m ²	ISO 179/1eA