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Technical Data Sheet

Altech®

ALTECH PA66 IQ 2030/W100

M COM

Base Polymer	Polyamide 66
Filler/Additive System	30 % glass fibres
Colour	black
Special Features	processing stabilised,contains recycled material,Industrial quality
Market Segment	Automotive
Typical Applications	injection moulded parts

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			
Tensile Modulus	8000 / -	MPa	ISO 527
Tensile Strength at Break	130 / -	MPa	ISO 527
Tensile Elongation at Break	4 / -	%	ISO 527
Impact Strength (Charpy, 23°C)	50 / -	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy, 23°C)	5 / -	kJ/m²	ISO 179/1eA
Rheological Properties			
Melt Index (MVR)	30 / *	cm³/10min	ISO 1133
MVR temperature	275 / *	°C	-
MVR load	5 / *	kg	-
Physical Properties			
Density	1370 / -	kg/m³	ISO 1183
Ecological Properties			
Global Warming Potential (GWP)	0.66	kg CO_2 eq./kg	ISO 14040, 14044