

## ALTECH PA6 A 2020/516 GF20 IM

(Last update: 10.12.2018)

Delivery form	20 % Glasfasern
Filler/Additive System	20 % glass fibres
Service Temperature	wärmealterungsstabilisiert, leicht entformbar, schlagzähmodifiziert, Spritzgusstype
Special Features	verschiedene
Application Area	verschiedene

Dosage	Im Trockenlufttrockner <80 °C für 2-12 h abhängig vom Feuchtegehalt
Pre-Drying Conditions	Spritzgießen Massetemperatur 270-290 °C Spritzgießen Werkzeugtemperatur 80-100 °C
Processing Conditions	trocken, lichtgeschützt

Properties	Value	Dimension	Test Norm
<b>Mechanical Properties</b>			
Flexural modulus	5500	MPa	ISO 178
Flexural strength	170	MPa	ISO 178
Tensile modulus	6200	MPa	ISO 527
Tensile strength at break	110	MPa	ISO 527
Tensile elongation at break	3.5	%	ISO 527
Charpy impact strength 1eU	70	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength 1eU -40°C	60	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact 1eA	15	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact 1eA -40°C	6	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal Properties</b>			
Vicat B50	205	°C	ISO 306
Vicat B120	205	°C	ISO 306
<b>Rheological Properties</b>			
MVR load	1.25	kg	-
Shrinkage (24h)	0.9 - 1.1	%	ISO 294-4
<b>Physical Properties</b>			
Humidity absorption	220	%	Sim. to ISO 62

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.

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