

ALAMID® 6 GF 30

Polyamide 6

LEIS Polytechnik - polymere Werkstoffe GmbH

Message:

polyamide 6 + 30% glass fibres

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage ¹	0.20 to 0.80	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10500	MPa	ISO 527-2
Tensile Stress	185	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	80	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	210	°C	ISO 75-2/A
Melting Temperature	221	°C	ISO 11357-3
NOTE			
1.	60mm x 60mm x 2mm		

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Recommended distributors for this material

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