

ALAMID® 6 GK 30

Polyamide 6

LEIS Polytechnik - polymere Werkstoffe GmbH

Message:

polyamide 6 + 30% glass beads, stabilized

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Additive	Unspecified Stabilizer		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4000	MPa	ISO 527-2
Tensile Stress (Yield)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	> 4.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	35	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	180	°C	ISO 75-2/B
Melting Temperature (DSC) ¹	221	°C	ISO 3146
NOTE			
1.	10K/min		

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Recommended distributors for this material

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