

ALAMID® 6.6 MF 40

Polyamide 66

LEIS Polytechnik - polymere Werkstoffe GmbH

Message:

polyamide 6.6 + 40% mineral fibres, stabilized

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Physical	Nominal Value	Unit	Test Method
Density	1.51	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow	1.7	%	
Flow	1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6600	MPa	ISO 527-2
Tensile Stress	90.0	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	61	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	160	°C	ISO 75-2/A
Melting Temperature (DSC) ²	260	°C	ISO 3146
NOTE			
1.	60mm x 60mm x 2mm		
2.	10K/min		

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Recommended distributors for this material

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