

ALAMID® 6 V0

Polyamide 6

LEIS Polytechnik - polymere Werkstoffe GmbH

Message:

polyamide 6 + flame retardant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Molding Shrinkage ¹	1.0 to 2.0	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3500	MPa	ISO 527-2
Tensile Stress (Yield)	70.0	MPa	ISO 527-2
Tensile Strain (Break)	> 5.0	%	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)	190	°C	ISO 75-2/A
Ball Indentation Temperature	125	°C	IEC 60598-1
Melting Temperature (DSC) ²	221	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.20 mm)	V-0		UL 94
Glow Wire Flammability Index (2.00 mm)	850	°C	IEC 60695-2-12
NOTE			
1.	60mm x 60mm x 2mm		
2.	10K/min		

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Recommended distributors for this material

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