

ALAMID® 6 GF 25 HV SCHWARZ-9957

Polyamide 6

LEIS Polytechnik - polymere Werkstoffe GmbH

Message:

polyamide 6 high viscosity + 25% glass fibres

General Information				
Filler / Reinforcement		Glass Fiber,25% Filler by Weight		
Features		High Viscosity		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.32	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus				ISO 527-2
-- ¹	--	5500	MPa	
--	8000	--	MPa	
Tensile Stress	160	--	MPa	ISO 527-2
Tensile Strain (Break)	3.5	--	%	ISO 527-2
Impact	Dry	Conditioned	Unit	Test Method
Charpy Unnotched Impact Strength	65	--	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	--	°C	ISO 75-2/A
Melting Temperature	221	--	°C	ISO 11357-3
CLTE				ISO 11359-2
Flow : 23 to 80°C	2.0E-5 to 3.0E-5	--	cm/cm/°C	
Transverse : 23 to 80°C	6.0E-5 to 7.0E-5	--	cm/cm/°C	
NOTE				

1. after immersion for 48 h at 23°C/50% R.H.

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Recommended distributors for this material

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