ALAMID® 6.6 GF 30 MOD WL SCHWARZ-9665

Polyamide 66

LEIS Polytechnik - polymere Werkstoffe GmbH

Message:

polyamide 6.6 + 30% glass fibres, improved thermal conductivity

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.55	g/cm³	ISO 1183
Molding Shrinkage [1]	0.20 to 1.0	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	13500	MPa	ISO 527-2
Tensile Stress	130	MPa	ISO 527-2
Tensile Strain (Yield)	1.5	%	ISO 527-2
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Unnotched Impact Strength	25	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
1.8 MPa, Unannealed	246	°C	ISO 75-2/A
8.0 MPa, Unannealed	180	°C	ISO 75-2/C
Melting Temperature [2]	259	°C	ISO 11357-3
CLTE			ISO 11359-2
Flow : 23 to 55°C	2.1E-5	cm/cm/°C	
Transverse : 23 to 55°C	6.3E-5	cm/cm/°C	
Thermal Conductivity	0.90	W/m/K	ISO 8302
NOTE			
1.	60mm x 60mm x 2mm		
2.	10K/min		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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