

NYLAFORCE® A 50 TS13

Polyamide 66

LEIS Polytechnik - polymere Werkstoffe GmbH

Message:

produced by feed up-process, polyamide 6.6 + 50% glass fibres, tribological grade

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Features	Good Wear Resistance		
Physical	Nominal Value	Unit	Test Method
Density	1.54	g/cm ³	ISO 1183
Molding Shrinkage ¹	0.20 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	16000	MPa	ISO 527-2
Tensile Stress	220	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	17	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	90	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC) ²	260	°C	ISO 3146
NOTE			
1.	60mm x 60mm x 2mm		
2.	10K/min		

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