

NYLEM® 66 GFR 50

Polyamide 66

EMAS Plastik San.Tic.AS.

Message:

Polyamide 66, %50 glass fiber reinforced

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Density	1.42 to 1.50	g/cm ³	ISO 1183
Molding Shrinkage	0.15 to 0.20	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	75 to 85		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10000 to 13000	MPa	ISO 527-2
Tensile Stress (Yield)	190 to 230	MPa	ISO 527-2
Tensile Strain (Break)	> 3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 7.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	250	°C	ISO 75-2/A
Vicat Softening Temperature	255	°C	ISO 306/B
Melting Temperature (DSC)	265	°C	ISO 3146

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Recommended distributors for this material

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