

NYLEM® 66 GFR 40 IM

Polyamide 66

EMAS Plastik San.Tic.AS.

Message:

Polyamide 66, %40 glass fiber reinforced, impact modified

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	Impact Modifier		
Features	Impact Modified		
Physical	Nominal Value	Unit	Test Method
Density	1.45 to 1.52	g/cm ³	ISO 1183
Molding Shrinkage	0.45 to 0.60	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	80 to 85		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7500 to 10000	MPa	ISO 527-2
Tensile Stress (Yield)	150 to 170	MPa	ISO 527-2
Tensile Strain (Break)	> 3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 12	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	235	°C	ISO 306/B
Melting Temperature (DSC)	265	°C	ISO 3146

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Recommended distributors for this material

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