

NYLEM® 6 GFR 30 FR V0

Polyamide 6

EMAS Plastik San.Tic.AS.

Message:

Polyamide 6, %30 glass fiber reinforced, V0 flammability

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Density	1.38 to 1.42	g/cm ³	ISO 1183
Molding Shrinkage	0.10 to 0.20	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	80 to 85		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5500 to 9000	MPa	ISO 527-2
Tensile Stress (Yield)	140 to 190	MPa	ISO 527-2
Tensile Strain (Break)	> 3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 10	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	210	°C	ISO 75-2/A
Vicat Softening Temperature	220	°C	ISO 306/B
Melting Temperature (DSC)	220	°C	ISO 3146
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Glow Wire Ignition Temperature	960	°C	VDE 0471/2

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Recommended distributors for this material

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