

NYLEM® 6 GFR 15

Polyamide 6

EMAS Plastik San.Tic.AS.

Message:

Polyamide 6, %15 glass fiber reinforced

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Density	1.20 to 1.24	g/cm ³	ISO 1183
Molding Shrinkage	0.25 to 0.45	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	75 to 80		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500 to 7500	MPa	ISO 527-2
Tensile Stress (Yield)	100 to 120	MPa	ISO 527-2
Tensile Strain (Break)	> 3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 6.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	205	°C	ISO 75-2/A
Vicat Softening Temperature	215	°C	ISO 306/B
Melting Temperature (DSC)	220	°C	ISO 3146

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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