

NYLEM® 6 FR V0

Polyamide 6

EMAS Plastik San.Tic.AS.

Message:

Polyamide 6, V0 flammability

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.15 to 1.25	g/cm ³	ISO 1183
Molding Shrinkage	1.0 to 1.1	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	75 to 80		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1400 to 2800	MPa	ISO 527-2
Tensile Stress (Yield)	40.0 to 70.0	MPa	ISO 527-2
Tensile Strain (Break)	> 15	%	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)	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	215	°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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