

NYLEM® 6 HV

Polyamide 6

EMAS Plastik San.Tic.AS.

Message:

Polyamide 6 high viscosity

General Information			
Features	High Viscosity		
Physical	Nominal Value	Unit	Test Method
Density	1.12 to 1.14	g/cm ³	ISO 1183
Molding Shrinkage	1.0 to 1.1	%	
Viscosity Number	2.80 to 3.80	cm ³ /g	ISO 307
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	> 8.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°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

