

NYLEM® 6 IM

Polyamide 6

EMAS Plastik San.Tic.AS.

Message:

Polyamide 6, impact modified

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Physical	Nominal Value	Unit	Test Method
Density	1.08 to 1.09	g/cm ³	ISO 1183
Molding Shrinkage	1.0 to 1.1	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	65 to 70		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1200 to 2000	MPa	ISO 527-2
Tensile Stress (Yield)	40.0 to 60.0	MPa	ISO 527-2
Tensile Strain (Break)	> 30	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 30	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	205	°C	ISO 306/B
Melting Temperature (DSC)	220	°C	ISO 3146

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