

EMLON® 6

Polyamide 6

EMAS Plastik San.Tic.AS.

Message:

EMLON® 6 is a Polyamide 6 (Nylon 6) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary attribute of EMLON® 6: Eco-Friendly/Green.

General Information			
Recycled Content	Yes		
Physical	Nominal Value	Unit	Test Method
Density	1.12 to 1.14	g/cm ³	ISO 1183
Molding Shrinkage	0.80 to 1.0	%	
Viscosity Number	2.40 to 3.50	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	2000 to 3500	MPa	ISO 527-2
Tensile Stress (Yield)	> 60.0	MPa	ISO 527-2
Tensile Strain (Break)	> 6.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 7.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	65.0	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B
Melting Temperature (DSC)	220	°C	ISO 3146

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Recommended distributors for this material

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