

Polimid A EM4

Polyamide 66

Poliblend S.p.a.

Message:

Polimid A EM4 is a Polyamide 66 (Nylon 66) material. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America. Primary attribute of Polimid A EM4: Flame Rated.

General Information			
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Molding Shrinkage	1.7 to 2.1	%	
Water Absorption (23°C, 24 hr)	0.80	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1900	MPa	ISO 527-2
Tensile Stress (Yield)	55.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	8.0	%	
Break	80	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	65	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	No Break		ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	192	°C	ISO 75-2/B
1.8 MPa, Unannealed	75.0	°C	ISO 75-2/A
Continuous Use Temperature ¹	80.0	°C	
Vicat Softening Temperature	248	°C	ISO 306/A120
Ball Pressure Test (165°C)	Pass		IEC 60695-10-2
Melting Temperature	260	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	> 600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.800 mm	HB		
1.60 mm	HB		
3.20 mm	HB		
Glow Wire Flammability Index (2.00 mm)	800	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	

Drying Time	> 3.0	hr
Processing (Melt) Temp	260 to 280	°C
Mold Temperature	50.0 to 70.0	°C

NOTE

1. Without Load

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

