

Nylfor® A2 E2/2E NERO

Polyamide 66

SO.F.TER. SPA

Message:

Nylfor® A2 E2/2E NERO is a Polyamide 66 (Nylon 66) material. It is available in Europe, Latin America, or North America for injection molding.

Important attributes of Nylfor® A2 E2/2E NERO are:

Flame Rated

REACH Compliant

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Molding Shrinkage	1.5	%	Internal Method
Water Absorption			ISO 62
Saturation, 23°C	7.0	%	
Equilibrium, 23°C, 50% RH	2.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2350	MPa	ASTM D638
Tensile Strength (Yield)	50.0	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	22	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	
Rear Temperature	260	°C	
Middle Temperature	270	°C	

Front Temperature	280	°C
Mold Temperature	60.0 to 80.0	°C

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Recommended distributors for this material

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