Ecotan A FL SB NAT

Polyamide 66

Soredi S.p.a.

Message:

Ecotan A FL SB NAT is a polyamide 66 (nylon 66) material. This product is available in Europe. The main characteristics of Ecotan A FL SB NAT are: flame retardant/rated flame.

General Information			
Features	General		
Appearance	Natural color		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.14	g/cm³	ASTM D792
Molding Shrinkage	1.5 - 1.9	%	ISO 294-4
Water Absorption			ASTM D570
23°C, 24 hr	8.0	%	ASTM D570
Equilibrium, 23°C, 50% RH	1.0	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	70.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Flexural Strength (Break)	90.0	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, 3.20 mm)	110	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	230	°C	ASTM D1525 [1]
Electrical	**Nominal Value**	**Unit**	**Test Method**
Dielectric Strength	19	kV/mm	IEC 60243-1
Comparative Tracking Index	500	V	IEC 60112
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Ignition Temperature (2.00 mm)	750	°C	IEC 60695-2-13
Additional Information			
The value listed as Molding Shrinkage ISO 294-4, was tested in accordance with ISO 2577.Limit Temperature, IEC 216, 20000 hrs: 60°C			
NOTE			
1.	标准 B (120°C/h), 载荷2 (50N)		

Recommended distributors for this material

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