

Ecotan B F30 FL NERO

Polyamide 6
Soredi S.p.a.

Message:
Polyamide 6, 30% glass fibre reinforced, good mechanical properties, heat resistant.

General Information			
Filler / Reinforcement	Glass fabric reinforcement, 30% filler by weight		
Features	Heat resistance, high		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Molding Shrinkage	0.30 - 0.50	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.95	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	150	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	8500	MPa	ASTM D790
Flexural Strength (Break)	220	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	200	°C	ASTM D648
Vicat Softening Temperature	220	°C	ASTM D1525 ¹
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	21	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)	650	°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: 100°CWater Absorption @ 24 hrs, ASTM D570, 23°C: 0.9 to 1.0%			
NOTE			

1. 标准 B (120°C/h), 载荷2 (50N)

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

