

Ecotan B F30 R NERO

Polyamide 6

Soredi S.p.a.

Message:

Polyamide 6 black of industrial quality, reinforced with 30% glass fibre, suitable for chair basis as well as for general purpose applications.

General Information			
Filler / Reinforcement	Glass fabric reinforcement, 30% filler by weight		
Uses	Industrial application		
	General		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm³	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)	140	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	7500	MPa	ASTM D790
Flexural Strength (Break)	200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	90	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	20	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 Aborption @ 24 hrs, ASTM D570, 23°C: 0.9 to 1.0%			
NOTE			
1.	标准 B (120°C/h), 载荷2 (50N)		

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