

Secomid B 30 GF

Polyamide 6

Poliblend S.p.a.

Message:

Secomid B 30 GF is a Polyamide 6 (Nylon 6) material. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America. Primary attribute of Secomid B 30 GF: Flame Rated.

General Information			
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Molding Shrinkage	0.40 to 0.80	%	
Water Absorption (23°C, 24 hr)	0.90	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8500	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	160	MPa	
Break	160	MPa	
Tensile Strain			ISO 527-2
Yield	3.0	%	
Break	3.0	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	9.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	80	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	215	°C	ISO 75-2/B
1.8 MPa, Unannealed	204	°C	ISO 75-2/A
Continuous Use Temperature ¹	100	°C	
Vicat Softening Temperature	215	°C	ISO 306/A120
Ball Pressure Test (165°C)	Pass		IEC 60695-10-2
Melting Temperature	222	°C	DSC
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.800 mm	HB		
1.60 mm	HB		
3.20 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Drying Time	> 3.0	hr	

Processing (Melt) Temp	230 to 260	°C
Mold Temperature	70.0 to 90.0	°C
NOTE		
1.	Without Load	

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Recommended distributors for this material

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