

Niretan B C35

Polyamide 6

Soredi S.p.a.

Message:

Niretan B C35 is a Polyamide 6 (Nylon 6) material filled with 35% mineral. It is available in Europe.

Important attributes of Niretan B C35 are:

Flame Rated

Good Dimensional Stability

Rigid

General Information				
Filler / Reinforcement		Mineral,35% Filler by Weight		
Features		Good Dimensional Stability		
		High Rigidity		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.40	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	1.2	%	ASTM D955
Water Absorption				ASTM D570
23°C, 24 hr	5.0	6.0	%	
Equilibrium, 23°C, 50% RH	2.0	--	%	
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale)	90	40		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength ¹ (Yield)	70.0	40.0	MPa	ASTM D638
Tensile Elongation ² (Break)	3.0	30	%	ASTM D638
Flexural Modulus ³	700	2500	MPa	ASTM D790
Flexural Strength ⁴ (Break)	120	50.0	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact				ASTM D256
-20°C, 3.20 mm	30	30	J/m	
23°C, 3.20 mm	40	60	J/m	
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	120	--	°C	ASTM D648
Peak Crystallization Temperature (DSC)	220	--	°C	ASTM D3418
CLTE - Flow (23 to 55°C)	6.0E-5	--	cm/cm/°C	ISO 11359-2
Electrical	Dry	Conditioned	Unit	Test Method

Surface Resistivity	1.0E+14	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+15	1.0E+12	ohms·cm	IEC 60093
Electric Strength (1.00 mm)	30	25	kV/mm	IEC 60243-1
Relative Permittivity (1 MHz)	3.50	4.00		IEC 60250
Dissipation Factor (1 MHz)	0.020	0.10		IEC 60250
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating				UL 94
1.60 mm	HB	--		
3.20 mm	HB	--		
Glow Wire Ignition Temperature (2.00 mm)	650	--	°C	IEC 60695-2-13
NOTE				
1.	50 mm/min			
2.	50 mm/min			
3.	1.3 mm/min			
4.	1.3 mm/min			

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



WECHAT