Solvay TECHNYLÂ® A 20 V35 PA66, 35% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Glass Fiber Filled

Material Notes:

Description: Flame retardant polyamide 66, reinforced with 35% of glass fiber, for injection molding.Available in: Asia Pacific, Europe, Latin America and North America.Product Applications: This phosphorous flame retardant grade, UL 94 V0 (0.8 mm), offers excellent filling qualities and with good mechanical properties. This grade is suitable for molding insulating parts for electrical devices: connectors, switches, bobbins coil formers and thin parts under stress. This product is available in black.Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-20-V35-PA66-35-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	140 MPa	20300 psi	ISO 527 Type 1A
Tensile Strength, Yield	140 MPa	20300 psi	ISO 527 type 1 A
Elongation at Break	3.0 %	3.0 %	ISO 527 Type 1A
Elongation at Yield	3.0 %	3.0 %	ISO 527 type 1 A
Tensile Modulus	10.0 GPa	1450 ksi	ISO 527 Type 1A
Flexural Strength	200 MPa	29000 psi	ISO 178
Flexural Modulus	7.50 GPa	1090 ksi	ISO 178
Izod Impact, Notched (ISO)	12.0 kJ/mÂ²	5.71 ft-lb/inÂ²	ISO 180/1A
Charpy Impact Unnotched	7.00 J/cmÂ²	33.3 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.20 J/cmÂ²	5.71 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+12 ohm-cm	1.00e+12 ohm-cm	IEC 60093
Surface Resistance	1.00e+11 ohm	1.00e+11 ohm	IEC 60093
Dielectric Strength	25.0 kV/mm	635 kV/in	IEC 60243
Dissipation Factor	0.050	0.050	IEC 60250
Comparative Tracking Index	375 V	375 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.20 %	<= 0.20 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China