

Solvay TECHNYLÂ® A 30 H1 V25 PA66, 25% glass fiber, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Description: Flame-retardant polyamide 66, 25% glass-fiber reinforced, heat stabilized for injection molding. Available in: Asia Pacific, Europe, Latin America and North America Product Applications: This flame retardant material, U.L. 94 V0 rated at 0.8 mm, shows high Glow-wire, CTI values and good mechanical properties .It can be supplied in various colors. This grade is suitable for molding insulating parts for electrical devices: switches, rotary switches, timers and contactors. This product is available in colors on request. 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-30-H1-V25-PA66-25-glass-fiber-DRY.php

Physical Properties	Metric	English	Comments
Density	1.54 g/cc	0.0556 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	95.0 MPa	13800 psi	ISO 527 Type 1A
Elongation at Break	2.5 %	2.5 %	ISO 527 Type 1A
Tensile Modulus	8.80 GPa	1280 ksi	ISO 527 Type 1A
Izod Impact, Notched (ISO)	9.80 kJ/mÂ²	4.66 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	4.50 J/cmÂ²	21.4 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.900 J/cmÂ²	4.28 ft-lb/inÂ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	263 Â°C	505 Â°F	ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	220 Â°C	428 Â°F	ISO 75/Af
Flammability, UL94	V-0	V-0	1210
	@Thickness 0.800 mm	@Thickness 0.0315 in	
	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	1210
	V-0	V-0	1210
	@Thickness 3.20 mm	@Thickness 0.126 in	
Glow Wire Test	960 Â°C	1760 Â°F	ISO 60695-2-12

Thermal Properties	960 Â°C Metric	1760 Â°F English	ISO 60695-2-12 Comments
	775 Â°C @Thickness 0.800 mm	1430 Â°F @Thickness 0.0315 in	ignition temperature; ISO 60695-2-13
	775 Â°C @Thickness 1.60 mm	1430 Â°F @Thickness 0.0630 in	ignition temperature; ISO 60695-2-13

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	500 V	500 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
Feed Temperature	275 - 280 Â°C	527 - 536 Â°F	
Front Barrel Temperature	280 - 290 Â°C	536 - 554 Â°F	
Mold Temperature	60.0 - 90.0 Â°C	140 - 194 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Compression Zone	280-285Â°C	

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