

Solvay TECHNYLÂ® A 30 H1 V30 PA66, 30% glass fiber, Conditioned

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

Material Notes:

Description: TECHNYLÂ® A 30H1 V30 is a brominated flame retardant polyamide 66, reinforced with 30% of glass fiber, for injection molding. This product is available in natural & black color. Benefits: This product offers excellent flame retardancy properties (UL 94, GWIT) combined with excellent processing, mechanical and electrical performance. Available in: Asia Pacific, Europe, Latin America and North America Regulations compliance: Grades produced or imported in Europe comply with directive 453/2010/EC, which amends REACH directive 1907/2006/EC. This grade complies with RoHS directive 2002/95/EC. Unless specified, this grade is not suitable for food contact, medical devices or toy applications. Applications: This product is ideally suited for appliance and industrial control applications such as switches, timers and contactors. 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-V30-PA66-30-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.57 g/cc	0.0567 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	3.5 %	3.5 %	ISO 527 Type 1A
Tensile Modulus	7.00 GPa	1020 ksi	ISO 527 Type 1A
Flexural Strength	170 MPa	24700 psi	ISO 178
Flexural Modulus	7.00 GPa	1020 ksi	ISO 178
Izod Impact, Notched (ISO)	13.0 kJ/mÂ²	6.19 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	5.00 J/cmÂ²	23.8 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
Dielectric Constant	3.6	3.6	IEC 60250
Dielectric Strength	40.0 kV/mm	1020 kV/in	IEC 60243
Dissipation Factor	0.050	0.050	IEC 60250
Comparative Tracking Index	500 V	500 V	Solution B; IEC 60112
	600 V	600 V	Solution A; IEC 60112

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

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