

Solvay TECHNYLÂ® A 60 G1 V25 PA66, 25% glass fiber, Conditioned

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

Material Notes:

Description: TECHNYLÂ® A 60G1 V25 is a 25% GF reinforced organophosphorous flame retarded grade based on a patented high flow polyamide 66 resin. This product is heat stabilized and provides optimized injection molding performance. This product is available in natural, grey & black colors as standard and can be made in other specific colors upon request. Benefits: This product offers excellent flame retardancy properties (UL 94, 5VA, GWIT) combined with excellent processing, mechanical and electrical performance. It can withstand temperatures of 160Â°C for over 6000 hours and has a UL F1 rating for weatherability resistance. 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 industrial controls, power distribution or appliance applications such as MCBs and contactors. The long term thermal performance of this grade also make it ideal for under-the-bonnet Auto applications. 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-60-G1-V25-PA66-25-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	88.0 MPa	12800 psi	ISO 527 Type 1A
Elongation at Break	2.7 %	2.7 %	ISO 527 Type 1A
Tensile Modulus	8.00 GPa	1160 ksi	ISO 527 Type 1A
Charpy Impact Unnotched	8.50 J/cmÂ²	40.4 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.800 J/cmÂ²	3.81 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Dielectric Strength	28.0 kV/mm	711 kV/in	IEC 60243
Comparative Tracking Index	600 V	600 V	Solution A; IEC 60112

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

Contact Songhan Plastic Technology Co.,Ltd.

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