

Solvay TECHNYLÂ® A 218 V15 PA66, 15% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 20% Glass Fiber Filled

Material Notes:

Description: Polyamide 66, reinforced with 15% of glass fiber, heat stabilized, for injection molding. Available in: Latin America

Applications: TECHNYLÂ® A 218 V15 is used in all sectors of industry, offering an excellent combination between thermal and mechanical properties. This grade is commonly used in the automotive industry and electrical sectors. This product is available in natural and 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-218-V15-PA66-15-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 MPa	13100 psi	ISO 527 Type 1A
Tensile Strength, Yield	90.0 MPa	13100 psi	ISO 527 type 1 A
Elongation at Break	8.0 %	8.0 %	ISO 527 Type 1A
Tensile Modulus	4.30 GPa	624 ksi	ISO 527 Type 1A
Flexural Strength	11.5 MPa	1670 psi	ISO 178
Flexural Modulus	3.50 GPa	508 ksi	ISO 178
Izod Impact, Notched (ISO)	9.00 kJ/mÂ²	4.28 ft-lb/inÂ²	ISO 180/1A
Charpy Impact Unnotched	6.70 J/cmÂ²	31.9 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.750 J/cmÂ²	3.57 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	30.0 kV/mm	762 kV/in	IEC 60243
Dissipation Factor	0.11	0.11	IEC 60250
Comparative Tracking Index	325 V	325 V	Solution A; IEC 60112

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

Contact Songhan Plastic Technology Co.,Ltd.

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