

Solvay TECHNYLÂ® A 218 V50 PA66, 50% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 50% Glass Fiber Filled

Material Notes:

Description: TECHNYLÂ® A 218 V50 is a polyamide 66, reinforced with 50% of glass fiber, heat stabilized, for injection molding. This product is available in natural and black colors.
Benefits: The product offers an excellent combination between thermal and mechanical properties.
Available in: Asia Pacific, Europe 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: It is used in a wide variety of industries.
 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-V50-PA66-50-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	175 MPa	25400 psi	ISO 527 Type 1A
Elongation at Break	2.5 %	2.5 %	ISO 527 Type 1A
Tensile Modulus	12.5 GPa	1810 ksi	ISO 527 Type 1A
Flexural Modulus	10.0 GPa	1450 ksi	ISO 178
Izod Impact, Notched (ISO)	17.0 kJ/mÂ²	8.09 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	9.70 J/cmÂ²	46.2 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.80 J/cmÂ²	8.57 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	IEC 60093
Surface Resistance	1.00e+12 ohm	1.00e+12 ohm	IEC 60093
Dielectric Constant	4.0	4.0	IEC 60250
Dielectric Strength	30.0 kV/mm	762 kV/in	IEC 60243
Dissipation Factor	0.11	0.11	IEC 60250
Comparative Tracking Index	600 V	600 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
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Processing Properties

Metric

English

Comments

Contact Songhan Plastic Technology Co.,Ltd.

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