

Solvay TECHNYLÂ® A 216 V30 PA66, 33% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 40% Glass Fiber Filled

Material Notes:

Description: Polyamide PA66, reinforced with 30% of glass fiber, for injection molding. Available in: Asia Pacific, Europe, Latin America and North America Product Applications: TECHNYL A 216 V30 is used in all sectors of industry, offering an excellent combination between thermal and mechanical properties. This grade is used in: Automotive industry, Manufacture of components for electrical tools, and Transport and building. This product is available in natural and black, and in a wide range of standard colors. 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-216-V30-PA66-33-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	135 MPa	19600 psi	ISO 527 Type 1A
Elongation at Break	4.0 %	4.0 %	ISO 527 Type 1A
Tensile Modulus	7.50 GPa	1090 ksi	ISO 527 Type 1A
Flexural Modulus	5.90 GPa	856 ksi	ISO 178
Izod Impact, Notched (ISO)	16.0 kJ/mÂ²	7.61 ft-lb/inÂ²	ISO 180/1A
Charpy Impact Unnotched	9.50 J/cmÂ²	45.2 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.60 J/cmÂ²	7.61 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+12 ohm-cm	2.00e+12 ohm-cm	IEC 60093
Surface Resistance	1.00e+11 ohm	1.00e+11 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	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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