Solvay TECHNYLÂ® A 218C V10 PA66, 10% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled

Material Notes:

Description: TECHNYLÂ® A 218C V10 is a polyamide 66, reinforced with 10% of glass fiber, heat stabilized, for injection molding. This product is available in black color.Benefits: Due to specially developed additives, the product offers a good electrical conductivity, combined with a good dimensional stability.Available in: Latin AmericaRegulations 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 mostly used for fuel or oil filters.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-218C-V10-PA66-10-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	ISO 527 Type 1A
Elongation at Break	10 %	10 %	ISO 527 Type 1A
Tensile Modulus	3.20 GPa	464 ksi	ISO 527 Type 1A
Flexural Strength	95.0 MPa	13800 psi	ISO 178
Flexural Modulus	2.40 GPa	348 ksi	ISO 178
Charpy Impact Unnotched	5.00 J/cmÂ²	23.8 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.650 J/cmÂ²	3.09 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+12 ohm	1.00e+12 ohm	IEC 60093

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

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