

Solvay TECHNYLÂ® A 218G1 V25 Black 34N PA66, 25% glass fiber, Conditioned

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

Material Notes:

Description: Polyamide 66, reinforced with 25% of glass fiber, for injection molding. This grade shows an improved retention of properties after long term ageing in automotive cooling liquids. Available in: Europe and North America
 Product Applications: TECHNYLÂ® A 218G1 V25 BLACK 34N is particularly recommended for the injection molding of parts in permanent contact with cooling liquids in cars, such as: - cooling and heating radiator systems, header tanks, thermostat components, inlet / outlet pipes. This product is available in 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-218G1-V25-Black-34N-PA66-25-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.32 g/cc	0.0477 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Elongation at Break	4.0 %	4.0 %	ISO 527 Type 1A
Tensile Modulus	6.30 GPa	914 ksi	ISO 527 Type 1A
Flexural Strength	155 MPa	22500 psi	ISO 178
Flexural Modulus	5.00 GPa	725 ksi	ISO 178
Izod Impact, Notched (ISO)	15.0 kJ/mÂ²	7.14 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	2.70 J/cmÂ²	12.8 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.30 J/cmÂ²	6.19 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	29.0 kV/mm	737 kV/in	IEC 60243
Dissipation Factor	0.11	0.11	IEC 60250
Comparative Tracking Index	425 V	425 V	Solution A; IEC 60112

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

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