

Solvay TECHNYLÂ® B 218 Black 21 N PA66/6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66

Material Notes:

Description: Unreinforced copolyamide PA 66/6 , heat stabilized , medium viscosity, for injection molding. Available in: EuropeProduct

Applications: TECHNYLÂ® B 218 offers all of the primary properties of unreinforced polyamide 66 .In addition , it has improved resistance to high temperature , and can be used for components which will withstand long-term temperature stresses , such as: Automotive industry- diagnostic plugs, ashtray bodies and covers. Electrical industry- housings, connectors, terminal blocks . This product is available in natural, black and grey.Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYL-B-218-Black-21-N-PA666-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ISO 527 Type 1A
Tensile Strength, Yield	50.0 MPa	7250 psi	ISO 527 type 1 A
Elongation at Break	400 %	400 %	ISO 527 Type 1A
Elongation at Yield	25 %	25 %	ISO 527 type 1 A
Tensile Modulus	1.10 GPa	160 ksi	ISO 527 Type 1A
Flexural Strength	50.0 MPa	7250 psi	ISO 178
Flexural Modulus	1.20 GPa	174 ksi	ISO 178
Izod Impact, Notched (ISO)	16.0 kJ/mÂ²	7.61 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	NB	NB	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	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	24.0 kV/mm	610 kV/in	IEC 60243
Dissipation Factor	0.10	0.10	IEC 60250
Comparative Tracking Index	600 V	600 V	Solution A; IEC 60112

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

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