

Solvay TECHNYLÂ® A 222 Black 1N PA66, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Description: Unreinforced polyamide PA66, medium viscosity, heat stabilized, for injection molding, fast crystallization, for short cycles .Available in: EuropeProduct Applications: TECHNYL A 222 offers a good combination between primary properties of the unreinforced polyamide 66 and processing properties leading to increased productivity .These performances are associated with excellent dimensional stability and good rigidity of molded parts. This grade is used for connector parts in electrical and automotive industries. 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-222-Black-1N-PA66-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	50.0 MPa	7250 psi	ISO 527 Type 1A
Tensile Strength, Yield	65.0 MPa	9430 psi	ISO 527 type 1 A
Elongation at Break	105 %	105 %	ISO 527 Type 1A
Elongation at Yield	25 %	25 %	ISO 527 type 1 A
Tensile Modulus	2.00 GPa	290 ksi	ISO 527 Type 1A
Flexural Modulus	1.40 GPa	203 ksi	ISO 178
Izod Impact, Notched (ISO)	12.0 kJ/mÂ²	5.71 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	1.20 J/cmÂ²	5.71 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+11 ohm	1.00e+11 ohm	IEC 60093
Dielectric Constant	3.2	3.2	IEC 60250
Dielectric Strength	26.0 kV/mm	660 kV/in	IEC 60243
Dissipation Factor	0.080	0.080	IEC 60250
Comparative Tracking Index	600 V	600 V	Solution A; IEC 60112

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

Contact Songhan Plastic Technology Co.,Ltd.

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