Solvay TECHNYLÂ® A 225F PA66, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Description: Unreinforced polyamide 66, medium viscosity, for injection molding, with a special crystallizing agent, for very fast cycles.Available in: Europe, Latin America and North AmericaProduct Applications: TECHNYL Â® A 225F offers two main advantages excellent filling qualities and UL 94 V2 under 0.4 mm. It is particularly used in electrical applications to mould parts with a good dimensional stability, such as: Unfilled bobbin coil forers for electrical motors, Transformers, and Connectors. This product is available in natural.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-225F-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	55.0 MPa	7980 psi	ISO 527 type 1 A
Elongation at Break	100 %	100 %	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 Strength	55.0 MPa	7980 psi	ISO 178
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	0.450 J/cmÂ²	2.14 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	4.00e+11 ohm	4.00e+11 ohm	IEC 60093
Dielectric Constant	3.2	3.2	IEC 60250
Dielectric Strength	226 kV/mm	5740 kV/in	IEC 60243
Dissipation Factor	0.080	0.080	IEC 60250

Electrical Properties	Metric	English	Comments
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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