

Solvay TECHNYLÂ® A 230 PA66, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Description: Unreinforced and modified polyamide 66, with improved impact resistance, for injection molding. Available in: Europe and North America

Product Applications: TECHNYLÂ® A 230 offers excellent combination between rigidity and impact resistance at ambient temperature. This property save special conditioning before use parts (water absorption). This grade is commonly used for supple parts, such as: fasteners cable ties. This product is available in natural, grey and 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-230-PA66-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	ISO 527 Type 1A
Tensile Strength, Yield	40.0 MPa	5800 psi	ISO 527 type 1 A
Elongation at Break	100 %	100 %	ISO 527 Type 1A
Elongation at Yield	15 %	15 %	ISO 527 type 1 A
Tensile Modulus	1.40 GPa	203 ksi	ISO 527 Type 1A
Flexural Strength	47.0 MPa	6820 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	2.00 J/cmÂ²	9.52 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+13 ohm	1.00e+13 ohm	IEC 60093
Dielectric Constant	3.2	3.2	IEC 60250
Dielectric Strength	16.0 kV/mm	406 kV/in	IEC 60243
Dissipation Factor	0.10	0.10	IEC 60250

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

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