

Solvay TECHNYLÂ® A 402 Natural FA PA66, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Description: Unreinforced polyamide PA66, very high viscosity, for extrusion. Available in: Europe and North America
 Product Applications: TECHNYLÂ® A 402 NATURAL FA offers three main advantages: high impact resistance at low humidity levels, good rigidity, and excellent compression resistance. This grade is particularly suitable for the molding of plastic insulators for railway binding and for extrusion of plates and profiles. Suitable for food contact applications (films, packaging, etc.). 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-402-Natural-FA-PA66-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.0 MPa	8700 psi	ISO 527 type 1 A
Elongation at Break	250 %	250 %	ISO 527 Type 1A
Elongation at Yield	30 %	30 %	ISO 527 type 1 A
Tensile Modulus	1.30 GPa	189 ksi	ISO 527 Type 1A
Flexural Strength	75.0 MPa	10900 psi	ISO 178
Flexural Modulus	1.30 GPa	189 ksi	ISO 178
Izod Impact, Notched (ISO)	35.0 kJ/m ²	16.7 ft-lb/in ²	ISO 180/1eA
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	3.00 J/cm ²	14.3 ft-lb/in ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	IEC 60093
Surface Resistance	1.00e+11 ohm	1.00e+11 ohm	IEC 60093
Dielectric Strength	26.0 kV/mm	660 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	<= 0.10 %	<= 0.10 %	

Contact Songhan Plastic Technology Co.,Ltd.

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