

Solvay TECHNYLÂ® A 402H1 Natural PA66, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Description: TECHNYLÂ® A 402H1 is an unreinforced polyamide 66, very high viscosity, heat stabilized, for extrusion and injection molding. This product is available in natural color.
Benefits: The product offers three main advantages: high impact resistance at low humidity levels, good rigidity, and excellent compression resistance.
Available in: Asia Pacific, Europe and North America
Regulations compliance: Grades produced or imported in Europe comply with directive 453/2010/EC, which amends REACH directive 1907/2006/EC. This grade complies with RoHS directive 2002/95/EC. Unless specified, this grade is not suitable for food contact, medical devices or toy applications.
Applications: This grade is particularly suitable for the extrusion of window profiles or semi-finished products, and for the injection molding of plastic insulators for railway binding.
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-402H1-Natural-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, 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/mÂ²	16.7 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact, Notched	3.00 J/cmÂ²	14.3 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+12 ohm	1.00e+12 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	575 V	575 V	Solution A; IEC 60112

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China