

Solvay TECHNYLÂ® A 230 V13 PA66, 13% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Description: Modified polyamide 66, reinforced with 13% of glass fiber, with improved impact resistance, for injection molding. Available in: Europe and North America
 Product Applications: In addition to primary polyamide properties, TECHNYLÂ® A230 V13 offers a very good rigidity / impact resistance compromise. This grade is used in the automotive industry, such as: belt covers, fasteners. This product is available in natural, black, grey, and in colors on request. 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-V13-PA66-13-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ISO 527 Type 1A
Tensile Strength, Yield	60.0 MPa	8700 psi	ISO 527 type 1 A
Elongation at Break	60 %	60 %	ISO 527 Type 1A
Tensile Modulus	3.65 GPa	529 ksi	ISO 527 Type 1A
Flexural Modulus	2.50 GPa	363 ksi	ISO 178
Izod Impact, Notched (ISO)	10.0 kJ/mÂ²	4.76 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	6.00 J/cmÂ²	28.6 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.800 J/cmÂ²	3.81 ft-lb/inÂ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	263 Â°C	505 Â°F	ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	70.0 Â°C	158 Â°F	ISO 75/Af

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+10 ohm-cm	1.00e+10 ohm-cm	IEC 60093
Surface Resistance	1.00e+11 ohm	1.00e+11 ohm	IEC 60093
Dielectric Constant	4.0	4.0	IEC 60250
Dielectric Strength	28.0 kV/mm	711 kV/in	IEC 60243

Designation Factory Electrical Properties	0.050 Metric	0.050 English	IEC 60250 Comments
Comparative Tracking Index	600 V	600 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
Feed Temperature	260 - 265 Â°C	500 - 509 Â°F	
Mold Temperature	60.0 - 80.0 Â°C	140 - 176 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Compression Zone	270-280Â°C	

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