

Solvay TECHNYLÂ® A 216 V20 PA66, 20% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 20% Glass Fiber Filled

Material Notes:

Description: Polyamide 66, reinforced with 20% of glass fiber, for injection molding. Available in: Europe Product Applications: TECHNYLÂ® A 216 V20 is used in all sectors of industry, offering an excellent combination between thermal and mechanical properties. This grade is used in: Automotive industry, Manufacture of components for electrical tools and Transport and building. This product is available in natural and black, and in a wide range of standard colors. 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-216-V20-PA66-20-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.29 g/cc	0.0466 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	ISO 527 Type 1A
Elongation at Break	5.0 %	5.0 %	ISO 527 Type 1A
Tensile Modulus	5.30 GPa	769 ksi	ISO 527 Type 1A
Flexural Modulus	4.20 GPa	609 ksi	ISO 178
Izod Impact, Notched (ISO)	13.0 kJ/mÂ²	6.19 ft-lb/inÂ²	ISO 180/1A
Charpy Impact Unnotched	7.90 J/cmÂ²	37.6 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.00 J/cmÂ²	4.76 ft-lb/inÂ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	30.0 Âµm/m-Â°C	16.7 Âµin/in-Â°F	ISO 11359
	@Temperature 23.0 - 85.0 Â°C	@Temperature 73.4 - 185 Â°F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+12 ohm-cm	2.00e+12 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
Dissipation Factor	0.11	0.11	IEC 60250

Comparative Tracking Index Electrical Properties	525 V Metric	525 V English	Solution B: IEC 60112 Comments
	600 V	600 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