

## Solvay TECHNYLÂ® A 216 V33 PA66, 33% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 40% Glass Fiber Filled

### Material Notes:

Description: TECHNYLÂ® A 216 V33 is a polyamide 66, reinforced with 33% of glass fiber, for injection molding. This product is available in natural color. Benefits: The product offers an excellent combination between thermal and mechanical properties. Available in: Latin America 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: It is used in a wide variety of industries. 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-V33-PA66-33-glass-fiber-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-216-V33-PA66-33-glass-fiber-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	135 MPa	19600 psi	ISO 527 Type 1A
Elongation at Break	4.0 %	4.0 %	ISO 527 Type 1A
Tensile Modulus	7.90 GPa	1150 ksi	ISO 527 Type 1A
Flexural Strength	190 MPa	27600 psi	ISO 178
Flexural Modulus	6.20 GPa	899 ksi	ISO 178
Izod Impact, Notched (ISO)	16.5 kJ/mÂ²	7.85 ft-lb/inÂ²	ISO 180/1A
Charpy Impact Unnotched	9.60 J/cmÂ²	45.7 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.60 J/cmÂ²	7.61 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+13 ohm-cm	2.00e+13 ohm-cm	IEC 60093
Surface Resistance	1.00e+12 ohm	1.00e+12 ohm	IEC 60093
Dielectric Constant	4.0	4.0	IEC 60250
Dielectric Strength	30.0 kV/mm	762 kV/in	IEC 60243
Dissipation Factor	0.11	0.11	IEC 60250
Comparative Tracking Index	500 V	500 V	Solution B; IEC 60112

Electrical Properties	600 V Metric	600 V English	Solution A: IEC 60112 Comments
Processing Properties	Metric	English	Comments
Moisture Content	<= 0.20 %	<= 0.20 %	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China