

Solvay TECHNYLÂ® A 218 V43 Black 21 N PA66, 43% glass fiber, Conditioned

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

Material Notes:

Description: Polyamide PA66, reinforced with 43% of glass fiber, heat stabilized, for injection molding. Available in: North America
 Product Applications: TECHNYLÂ® A 218 V43 is used in all sectors of industry, offering an excellent combination between thermal and mechanical properties. This grade is commonly used in the automotive industry for engine components. This product is available in black. 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-218-V43-Black-21-N-PA66-43-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	165 MPa	23900 psi	ISO 527 Type 1A
Tensile Strength, Yield	165 MPa	23900 psi	ISO 527 type 1 A
Elongation at Break	3.0 %	3.0 %	ISO 527 Type 1A
Tensile Modulus	9.40 GPa	1360 ksi	ISO 527 Type 1A
Flexural Modulus	7.80 GPa	1130 ksi	ISO 178
Izod Impact, Notched (ISO)	18.0 kJ/mÂ²	8.57 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	9.50 J/cmÂ²	45.2 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.90 J/cmÂ²	9.04 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+12 ohm-cm	1.00e+12 ohm-cm	IEC 60093
Surface Resistance	1.00e+11 ohm	1.00e+11 ohm	IEC 60093
Dielectric Strength	24.0 kV/mm	610 kV/in	IEC 60243
Dissipation Factor	0.11	0.11	IEC 60250
Comparative Tracking Index	450 V	450 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