

Solvay TECHNYLÂ® B 218L V20 Black 44 N PA66, 25% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Description: Copolyamide 66/6, reinforced with 20% of glass fiber, for injection molding, heat stabilized with improved UV ageing resistance Available in: Asia Pacific and Europe Product Applications: TECHNYL B 218L V20 noir 44 N is used in all sectors of industry, offering an excellent combination of thermal and mechanical properties. This grade is commonly used for automotive applications which require a good surface appearance and a good UV resistance, such as: - external mirror housings and door handles. This product is available in black color. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYL-B-218L-V20-Black-44-N-PA66-25-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	85.0 MPa	12300 psi	ISO 527 Type 1A
Elongation at Break	9.0 %	9.0 %	ISO 527 Type 1A
Tensile Modulus	4.50 GPa	653 ksi	ISO 527 Type 1A
Flexural Modulus	3.50 GPa	508 ksi	ISO 178
Izod Impact, Notched (ISO)	13.0 kJ/mÂ²	6.19 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	8.30 J/cmÂ²	39.5 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.900 J/cmÂ²	4.28 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 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

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