

Solvay TECHNYLÂ® A 218 MT15 V 25 Black 21N PA66, 25/15% glass/mineral fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass/Mineral Filled

Material Notes:

Description: Polyamide 66, reinforced with 25% of glass fiber and 15% of mineral filler, heat stabilized, for injection molding. Available in: Asia Pacific
 Product Applications: TECHNYLÂ® A 218 MT15 V25 is recommended in all industrial parts, offering a good combination between thermal and mechanical properties. This grade is commonly used in the automotive industry to mould large parts with a low warpage, such as: rocker cover, car body parts, engine covers. 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-MT15-V-25-Black-21N-PA66-2515-glassmineral-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 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	5.50 GPa	798 ksi	ISO 527 Type 1A
Flexural Modulus	5.00 GPa	725 ksi	ISO 178
Izod Impact, Notched (ISO)	6.50 kJ/mÂ²	3.09 ft-lb/inÂ²	ISO 180/1A
Charpy Impact Unnotched	8.00 J/cmÂ²	38.1 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.600 J/cmÂ²	2.86 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+14 ohm-cm	3.00e+14 ohm-cm	IEC 60093
Surface Resistance	3.00e+11 ohm	3.00e+11 ohm	IEC 60093
Dielectric Constant	4.0	4.0	IEC 60250
Dielectric Strength	35.0 kV/mm	889 kV/in	IEC 60243
Dissipation Factor	0.080	0.080	IEC 60250
Comparative Tracking Index	425 V	425 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
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Processing Properties

Metric

English

Comments

Contact Songhan Plastic Technology Co.,Ltd.

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