

Solvay TECHNYLÂ® B 238 Black 21 N PA66/6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66

Material Notes:

Description: Unreinforced and modified copolyamide 66/6, heat stabilized, with improved impact resistance, for injection molding. Available in: Europe Product Applications: TECHNYL B 238 is particularly recommended for applications where high thermal stress rates and good impact resistance are required, also for parts which could break during assembly or parts used at low humidity level. This grade is commonly used in: automotive industry for under bonnet fasteners. 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-B-238-Black-21-N-PA666-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	ISO 527 Type 1A
Tensile Strength, Yield	40.0 MPa	5800 psi	ISO 527 type 1 A
Elongation at Break	250 %	250 %	ISO 527 Type 1A
Elongation at Yield	12 %	12 %	ISO 527 type 1 A
Tensile Modulus	0.900 GPa	131 ksi	ISO 527 Type 1A
Flexural Strength	27.0 MPa	3920 psi	ISO 178
Flexural Modulus	0.700 GPa	102 ksi	ISO 178
Izod Impact, Notched (ISO)	18.0 kJ/mÂ²	8.57 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	3.00 J/cmÂ²	14.3 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	IEC 60093
Surface Resistance	1.00e+10 ohm	1.00e+10 ohm	IEC 60093
Dielectric Strength	30.0 kV/mm	762 kV/in	IEC 60243
Dissipation Factor	0.070	0.070	IEC 60250
Comparative Tracking Index	500 V	500 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.20 %	<= 0.20 %	

Contact Songhan Plastic Technology Co.,Ltd.

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