

Solvay TECHNYLÂ® A 208F PA66, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Description: Unreinforced polyamide PA66, heat stabilized, high fluidity, fast cycling grade, for injection molding. Available in:

Europe Product Applications: TECHNYL A 208F offers three main advantages: excellent filling qualities, good long term thermal properties and is V2 rated under 0.4 mm. according to UL94. It is particularly suitable for the molding of long parts with thin wall sections requiring good thermal resistance: cable ties and fasteners and connectors. This product is available in natural and 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-208F-PA66-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 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	50.0 MPa	7250 psi	ISO 527 type 1 A
Elongation at Yield	10 %	10 %	ISO 527 type 1 A
Tensile Modulus	1.60 GPa	232 ksi	ISO 527 Type 1A
Flexural Modulus	1.30 GPa	189 ksi	ISO 178
Izod Impact, Notched (ISO)	12.0 kJ/mÂ²	5.71 ft-lb/inÂ²	ISO 180/1A
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	1.00 J/cmÂ²	4.76 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	IEC 60093
Surface Resistance	4.00e+11 ohm	4.00e+11 ohm	IEC 60093
Dielectric Constant	3.2	3.2	IEC 60250
Dielectric Strength	26.0 kV/mm	660 kV/in	IEC 60243
Dissipation Factor	0.080	0.080	IEC 60250
Comparative Tracking Index	375 V	375 V	Solution B; IEC 60112
	500 V	500 V	Solution A; IEC 60112

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

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