

## Solvay TECHNYLÂ® A 246M PA66, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

Description: Unreinforced and modified polyamide 66, with very high impact resistance even at low temperature, for injection molding. Available in: Europe and North America Product Applications: TECHNYLÂ® A 246M offers an excellent notched impact resistance at low temperature make it suitable for: sports and leisure applications, for shoe soles, ski components, ski and surf bindings, toy applications, such as, the bumper of a remote-controlled car. This product is available in natural, white 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-246M-PA66-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-246M-PA66-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in <sup>3</sup>	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	ISO 527 Type 1A
Tensile Modulus	0.600 GPa	87.0 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)	80.0 kJ/m <sup>2</sup>	38.1 ft-lb/in <sup>2</sup>	ISO 180/1eA
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	10.0 J/cm <sup>2</sup>	47.6 ft-lb/in <sup>2</sup>	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+12 ohm	1.00e+12 ohm	IEC 60093
Dielectric Constant	4.0	4.0	IEC 60250
Dielectric Strength	4.00 kV/mm	102 kV/in	IEC 60243
Dissipation Factor	0.060	0.060	IEC 60250
Comparative Tracking Index	600 V	600 V	Solution A; IEC 60112

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

Processing Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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