

## Solvay TECHNYL® B 230 PA66/6, Conditioned

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

### Material Notes:

Description: Unreinforced and modified copolyamide 66/6, with high flexibility and improved impact resistance, for injection molding. Available in: Asia Pacific and Europe. Product Applications: TECHNYL® B 230 is particularly recommended for applications where good impact resistance at low and room temperature is required, also for parts which could break during assembly or parts used at low humidity levels. This grade is commonly used in: automotive industry: bumpers and clips sports and leisure: sports bag buckles and electrical appliance: cable ties. This product is available in natural, black, and in colors on request. 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-230-PA666-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-B-230-PA666-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in <sup>3</sup>	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	ISO 527 Type 1A
Tensile Strength, Yield	45.0 MPa	6530 psi	ISO 527 type 1 A
Elongation at Break	250 %	250 %	ISO 527 Type 1A
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/m <sup>2</sup>	8.57 ft-lb/in <sup>2</sup>	ISO 180/1eA
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	3.00 J/cm <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	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+11 ohm	1.00e+11 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	600 V	600 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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