

## Solvay TECHNYLÂ® C 230 PA6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Impact Grade

### Material Notes:

Description: Unreinforced polyamide PA6, with improved impact resistance, for injection molding. Available in: Europe  
 Product Applications: This grade has improved impact strength and higher flexibility. It is suitable specially to make technical parts having small or medium size, such as: plugs, seals. This product is available 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-C-230-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-C-230-PA6-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, Yield	39.0 MPa	5660 psi	ISO 527 type 1 A
Tensile Modulus	1.00 GPa	145 ksi	ISO 527 Type 1A
Flexural Strength	35.0 MPa	5080 psi	ISO 178
Flexural Modulus	0.800 GPa	116 ksi	ISO 178
Izod Impact, Notched (ISO)	82.0 kJ/mÂ²	39.0 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	9.00 J/cmÂ²	42.8 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 Constant	4.0	4.0	IEC 60250
Dielectric Strength	18.0 kV/mm	457 kV/in	IEC 60243
Dissipation Factor	0.12	0.12	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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