

## Solvay TECHNYLÂ® C 502XT PA6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Extruded

**Material Notes:**

Description: Unreinforced polyamide 6, very high viscosity, for extrusion. Available in: Europe Product Applications: It is suitable for extruded semi-finished products, such as: Rods, profiles, sheets, pipes. All the semi-finished products can be machined without special treatment, such as: Precision gears, bolts, etc. This product is available in natural. 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-502XT-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-C-502XT-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.0 MPa	5080 psi	ISO 527 type 1 A
Elongation at Break	300 %	300 %	ISO 527 Type 1A
Elongation at Yield	2.5 %	2.5 %	ISO 527 type 1 A
Tensile Modulus	0.900 GPa	131 ksi	ISO 527 Type 1A
Izod Impact, Notched (ISO)	NB	NB	ISO 180/1eA
Charpy Impact Unnotched	NB	NB	ISO 179/1eU

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+10 ohm-cm	1.00e+10 ohm-cm	IEC 60093
Surface Resistance	1.00e+10 ohm	1.00e+10 ohm	IEC 60093
Dielectric Constant	3.9	3.9	IEC 60250
Dielectric Strength	18.0 kV/mm	457 kV/in	IEC 60243
Dissipation Factor	0.10	0.10	IEC 60250

## Contact Songhan Plastic Technology Co.,Ltd.

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