

Solvay TECHNYLÂ® C 502XT PA6, DRY

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-DRY.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/inÂ³	ISO 1183/A
Water Absorption	1.37 % @Temperature 23.0 Â°C, Time 86400 sec	1.37 % @Temperature 73.4 Â°F, Time 24.0 hour	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	80.0 MPa	11600 psi	ISO 527 type 1 A
Elongation at Break	160 %	160 %	ISO 527 Type 1A
Elongation at Yield	4.2 %	4.2 %	ISO 527 type 1 A
Tensile Modulus	2.80 GPa	406 ksi	ISO 527 Type 1A
Izod Impact, Notched (ISO)	7.00 kJ/mÂ²	3.33 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	NB	NB	ISO 179/1eU

Thermal Properties	Metric	English	Comments
Melting Point	222 Â°C	432 Â°F	ISO 11357

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	IEC 60093
Surface Resistance	1.00e+12 ohm	1.00e+12 ohm	IEC 60093
Dielectric Constant	3.4	3.4	IEC 60250
Dielectric Strength	22.0 kV/mm	559 kV/in	IEC 60243
Dissipation Factor	0.020	0.020	IEC 60250

Electrical Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Processing Properties	Metric	English	Comments
Feed Temperature	230 Å°C	446 Å°F	
Front Barrel Temperature	230 Å°C	446 Å°F	
Die Temperature	240 Å°C	464 Å°F	

Descriptive Properties	Value	Comments
Compression Zone	230Å°C	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China