

Solvay TECHNYLÂ® C 246 M PA6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Description: Unreinforced polyamide 6, with high impact resistance, for injection molding. Grade formerly known as PSB196. Available in:

Europe
Product Applications: It is particularly adapted to the molding of sports and leisure goods, such as parts for in-line skates. This product is available in natural, black and 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-246-M-PA6-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ISO 527 type 1 A
Elongation at Break	50 %	50 %	ISO 527 Type 1A
Tensile Modulus	1.10 GPa	160 ksi	ISO 527 Type 1A
Flexural Modulus	9.50 GPa	1380 ksi	ISO 178

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

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

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