

Solvay TECHNYL® C 30H1 V30 Natural/F PA6, 30% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 30% Glass Fiber Filled

Material Notes:

Description: Flame retardant polyamide PA6, reinforced with 30% of glass fiber, for injection molding. Available in: Asia Pacific, Europe, Latin America and North America Product Applications: This grade has good mechanical properties, flame retardant rating UL94 V0 and glow-wire at 960°C. It is specially suitable for pieces such as: switches, timers, 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-30H1-V30-NaturalF-PA6-30-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.62 g/cc	0.0585 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	85.0 MPa	12300 psi	ISO 527 Type 1A
Elongation at Break	6.0 %	6.0 %	ISO 527 Type 1A
Tensile Modulus	8.05 GPa	1170 ksi	ISO 527 Type 1A
Charpy Impact Unnotched	4.00 J/cm ²	19.0 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	1.30 J/cm ²	6.19 ft-lb/in ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Dielectric Strength	38.0 kV/mm	965 kV/in	IEC 60243
Dissipation Factor	0.060	0.060	IEC 60250

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

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