

Solvay TECHNYL® A 31T1 MZ40 PA66, 40% mineral fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Mineral Filled

Material Notes:

Description: Flame retardant polyamide PA66, 40% mineral filled, heat stabilized, for injection molding. Available in: Asia Pacific, Europe, Latin America and North America Product Applications: This flame retardant material offers very good dimensional stability and excellent Glow wire performance. This product is particularly recommended for electrical parts such as: low voltage distribution, protection systems, mini circuit breakers, fuse holders and terminal blocks. This product is available in grey. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-31T1-MZ40-PA66-40-mineral-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.67 g/cc	0.0603 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	47.0 MPa	6820 psi	ISO 527 Type 1A
Elongation at Break	6.9 %	6.9 %	ISO 527 Type 1A
Tensile Modulus	0.400 GPa	58.0 ksi	ISO 527 Type 1A

Electrical Properties	Metric	English	Comments
Dielectric Strength	30.0 kV/mm	762 kV/in	IEC 60243

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

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