

## Solvay TECHNYL<sup>®</sup> A 60 G1 V30 PA66, 30% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

### Material Notes:

Description: Flame retardant Polyamide PA66 reinforced with 30% of glass fiber, for injection molding. Available in: Asia Pacific, Europe, Latin America and North America  
Product Applications: This Red Phosphorous and Halogen free flame retardant grade, combines excellent all-round mechanical properties with outstanding flame retardancy (UL 5VA at 1.6mm) and electrical performance. This product is ideally suited for industrial controls and power distribution applications such as MCBs and contactors. The long term thermal performance of this grade also make it ideal for under-the-bonnet Auto applications where it can withstand temperatures of 160°C for over 6000hrs. This product is available in Natural, Grey and Black. Specific colors and Laser Marking grades optimized for YAG and UV laser types are also available upon 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-A-60-G1-V30-PA66-30-glass-fiber-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-60-G1-V30-PA66-30-glass-fiber-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in <sup>3</sup>	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	ISO 527 Type 1A
Elongation at Break	4.2 %	4.2 %	ISO 527 Type 1A
Tensile Modulus	8.41 GPa	1220 ksi	ISO 527 Type 1A
Charpy Impact Unnotched	7.80 J/cm <sup>2</sup>	37.1 ft-lb/in <sup>2</sup>	ISO 179/1eU
Charpy Impact, Notched	0.950 J/cm <sup>2</sup>	4.52 ft-lb/in <sup>2</sup>	ISO 179/1eA

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

## Contact Songhan Plastic Technology Co.,Ltd.

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