

## Solvay TECHNYL<sup>®</sup> C 216 V45 PA6, 45% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 50% Glass Fiber Filled

### Material Notes:

Description: Polyamide PA6, reinforced with 45% of glass fiber, for injection molding. Available in: Europe  
Product Applications: TECHNYL C 216 V45 has been optimized to have high impact strength, a nice surface aspect and being easy to paint. It has been especially developed for the market of ski bindings, but can be advised as well for any part requiring a high rigidity as well as high impact strength. This product is available in natural and black colors  
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-216-V45-PA6-45-glass-fiber-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-C-216-V45-PA6-45-glass-fiber-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.51 g/cc	0.0546 lb/in <sup>3</sup>	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	145 MPa	21000 psi	ISO 527 Type 1A
Elongation at Break	3.9 %	3.9 %	ISO 527 Type 1A
Tensile Modulus	8.30 GPa	1200 ksi	ISO 527 Type 1A
Charpy Impact Unnotched	8.50 J/cm <sup>2</sup>	40.4 ft-lb/in <sup>2</sup>	ISO 179/1eU
Charpy Impact, Notched	2.00 J/cm <sup>2</sup>	9.52 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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