

## Solvay TECHNYLÂ® C 216 V15 PA6, 15% glass filled, Eh 50

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 20% Glass Fiber Filled

### Material Notes:

Description: TECHNYL C 216 V15 is a polyamide 6 with 15% of glass fiber. Colors: it is marketed in the black color and natural. Available in: Asia Pacific and Europe Main Properties: Dimensional stability, Impact resistance and Stiffness Applications: TECHNYL C 218 V15 was developed for applications on parts where good mechanical properties as impact resistance, superficial aspect and dimensional stability are required. 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-V15-PA6-15-glass-filled-Eh-50.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-C-216-V15-PA6-15-glass-filled-Eh-50.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 MPa	10200 psi	ISO R 527
Elongation at Break	7.0 %	7.0 %	Rupture; ISO R 527
Tensile Modulus	2.90 GPa	421 ksi	ISO R 527
Izod Impact, Notched (ISO)	14.0 kJ/mÂ²	6.66 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	5.80 J/cmÂ²	27.6 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.60 J/cmÂ²	7.61 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+12 ohm-cm	1.00e+12 ohm-cm	CEI 93
Dielectric Constant	4.5	4.5	CEI 250
Dielectric Strength	22.0 kV/mm	559 kV/in	CEI 93
Dissipation Factor	0.090	0.090	CEI 250
Comparative Tracking Index	475 V	475 V	CEI 112

## Contact Songhan Plastic Technology Co.,Ltd.

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