

**Solvay TECHNYLÂ® C 218 V40 PA6, 40% glass fiber, Eh 50**

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 40% Glass Fiber Filled

**Material Notes:**

Description: TECHNYL C 218 V40 is a polyamide 6 with 40% of glass fiber and with thermal stability. Colors: it is marketed in the black color and natural. Available in: Latin America Main Properties: ? Good thermal resistance, ?Excellent dimensional stability, Good impact resistance. Applications: TECHNYL C 218 V40 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-218-V40-PA6-40-glass-fiber-Eh-50.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-C-218-V40-PA6-40-glass-fiber-Eh-50.php)

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	140 MPa	20300 psi	ISO R 527
Elongation at Break	3.5 %	3.5 %	ISO R 527
Tensile Modulus	7.30 GPa	1060 ksi	ISO R 527
Izod Impact, Notched (ISO)	34.0 kJ/mÂ²	16.2 ft-lb/inÂ²	ISO 180
Charpy Impact Unnotched	11.5 J/cmÂ²	54.7 ft-lb/inÂ²	ISO 179
Charpy Impact, Notched	3.40 J/cmÂ²	16.2 ft-lb/inÂ²	ISO 179

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 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	0.0090	0.0090	CEI 250
Comparative Tracking Index	475 V	475 V	CEI 112

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