

## Solvay TECHNYLÂ® B 216 V30 Black 3 N PA66, 30% glass fiber, Conditioned

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

### Material Notes:

Description: Copolyamide 66/6, reinforced with 30% of glass fiber, for injection molding. Available in: Asia Pacific and Europe

Product Applications: TECHNYLÂ® B 216 V30 is used in all sectors of industry, offering an excellent combination between thermal and mechanical properties. This grade is commonly used in the automotive industry, for the production of colored internal parts of car. This product is available in black. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-TECHNYL-B-216-V30-Black-3-N-PA66-30-glass-fiber-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-B-216-V30-Black-3-N-PA66-30-glass-fiber-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	ISO 527 Type 1A
Tensile Strength, Yield	115 MPa	16700 psi	ISO 527 type 1 A
Elongation at Break	8.0 %	8.0 %	ISO 527 Type 1A
Tensile Modulus	6.50 GPa	943 ksi	ISO 527 Type 1A
Flexural Modulus	4.70 GPa	682 ksi	ISO 178
Izod Impact, Notched (ISO)	19.0 kJ/mÂ²	9.04 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	9.20 J/cmÂ²	43.8 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	IEC 60093
Surface Resistance	1.00e+12 ohm	1.00e+12 ohm	IEC 60093
Dielectric Constant	4.0	4.0	IEC 60250
Dielectric Strength	26.0 kV/mm	660 kV/in	IEC 60243
Dissipation Factor	0.10	0.10	IEC 60250
Comparative Tracking Index	475 V	475 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
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Moisture Content Processing Properties	$\leq 0.20\%$ Metric	$\leq 0.20\%$ English	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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