

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

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

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

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/inÂ³	ISO 1183/A
Water Absorption	0.95 % @Temperature 23.0 Â°C, Time 86400 sec	0.95 % @Temperature 73.4 Â°F, Time 24.0 hour	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	185 MPa	26800 psi	ISO 527 Type 1A
Tensile Strength, Yield	185 MPa	26800 psi	ISO 527 type 1 A
Elongation at Break	3.0 %	3.0 %	ISO 527 Type 1A
Tensile Modulus	9.80 GPa	1420 ksi	ISO 527 Type 1A
Flexural Modulus	8.30 GPa	1200 ksi	ISO 178
Izod Impact, Notched (ISO)	11.0 kJ/mÂ²	5.23 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	8.00 J/cmÂ²	38.1 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.10 J/cmÂ²	5.23 ft-lb/inÂ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	242 Â°C	468 Â°F	ISO 11357
Oxygen Index	23 %	23 %	ISO 4589

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	IEC 60093
Surface Resistance	6.00e+13 ohm	6.00e+13 ohm	IEC 60093

Electrical Properties	Metric	English	Comments
Dielectric Strength	30.0 kV/mm	762 kV/in	IEC 60243
Dissipation Factor	0.020	0.020	IEC 60250
Comparative Tracking Index	500 V	500 V	Solution B; IEC 60112
	550 V	550 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
Feed Temperature	250 - 260 Â°C	482 - 500 Â°F	
Front Barrel Temperature	270 - 280 Â°C	518 - 536 Â°F	
Mold Temperature	60.0 - 80.0 Â°C	140 - 176 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Compression Zone	260-270Â°C	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China