

## Solvay TECHNYLÂ® A 216T V33 Black 1 N PA66, 33% glass fiber, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 40% Glass Fiber Filled

### Material Notes:

Description: Polyamide PA66 reinforced with 33% of glass fiber, heat stabilized, for injection molding. Available in: Asia Pacific,

Europe Product Applications: TECHNYLÂ® A 216T V33 BLACK 1N is used in all sectors of industry, offering an excellent combination between thermal and mechanical properties. This grade is suitable for automotive industry. This material 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-A-216T-V33-Black-1-N-PA66-33-glass-fiber-DRY.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-216T-V33-Black-1-N-PA66-33-glass-fiber-DRY.php)

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	200 MPa	29000 psi	ISO 527 Type 1A
Elongation at Break	3.0 %	3.0 %	ISO 527 Type 1A
Tensile Modulus	11.0 GPa	1600 ksi	ISO 527 Type 1A
Flexural Modulus	9.20 GPa	1330 ksi	ISO 178
Izod Impact, Notched (ISO)	12.0 kJ/mÂ²	5.71 ft-lb/inÂ²	ISO 180/1A
Charpy Impact Unnotched	9.00 J/cmÂ²	42.8 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.30 J/cmÂ²	6.19 ft-lb/inÂ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	23.0 Âµm/m-Â°C @Temperature 23.0 - 85.0 Â°C	12.8 Âµin/in-Â°F @Temperature 73.4 - 185 Â°F	ISO 11359
Melting Point	263 Â°C	505 Â°F	ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	255 Â°C	491 Â°F	ISO 75/af

Processing Properties	Metric	English	Comments
Feed Temperature	260 - 270 Â°C	500 - 518 Â°F	
Front Barrel Temperature	280 - 290 Â°C	536 - 554 Â°F	
Mold Temperature	60.0 - 80.0 Â°C	140 - 176 Â°F	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Compression Zone	270-280°C	

## Contact Songhan Plastic Technology Co.,Ltd.

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