

## Solvay TECHNYLÂ® A 218C V10 PA66, 10% glass fiber, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled

### Material Notes:

Description: TECHNYLÂ® A 218C V10 is a polyamide 66, reinforced with 10% of glass fiber, heat stabilized, for injection molding. This product is available in black color. Benefits: Due to specially developed additives, the product offers a good electrical conductivity, combined with a good dimensional stability. Available in: Latin America Regulations compliance: Grades produced or imported in Europe comply with directive 453/2010/EC, which amends REACH directive 1907/2006/EC. This grade complies with RoHS directive 2002/95/EC. Unless specified, this grade is not suitable for food contact, medical devices or toy applications. Applications: It is mostly used for fuel or oil filters. 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-218C-V10-PA66-10-glass-fiber-DRY.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-218C-V10-PA66-10-glass-fiber-DRY.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/inÂ³	ISO 1183/A
Water Absorption	1.2 % @Temperature 23.0 Â°C, Time 86400 sec	1.2 % @Temperature 73.4 Â°F, Time 24.0 hour	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	ISO 527 Type 1A
Elongation at Break	4.0 %	4.0 %	ISO 527 Type 1A
Tensile Modulus	5.50 GPa	798 ksi	ISO 527 Type 1A
Flexural Modulus	4.20 GPa	609 ksi	ISO 178
Charpy Impact Unnotched	4.00 J/cmÂ²	19.0 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.450 J/cmÂ²	2.14 ft-lb/inÂ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	260 Â°C	500 Â°F	ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	232 Â°C	450 Â°F	ISO 75/Af
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	1210
Glow Wire Test	650 Â°C @Thickness 1.60 mm	1200 Â°F @Thickness 0.0630 in	ISO 60695-2-12

Processing Properties	Metric	English	Comments
Feed Temperature	250 - 270 Â°C	482 - 518 Â°F	
Mold Temperature	70.0 - 100 Â°C	158 - 212 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Compression Zone	260-280Â°C	
Mixing Zone	260-280Â°C	

## Contact Songhan Plastic Technology Co.,Ltd.

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