

## Solvay TECHNYLÂ® A 218G2 V30 Black 34N PA66, 30% glass fiber, Conditioned

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

### Material Notes:

Description: TECHNYLÂ® A 218G2 V30 Black 34N is a polyamide 66, reinforced with 30% of glass fiber, heat stabilized, for injection molding. The product is available in black color. Benefits: This grade shows an outstanding retention of properties after long term ageing in automotive cooling liquids, in comparison with standard glycol grade TECHNYLÂ® A 218 V30 black 34NG. Available in: Europe 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: Cooling and heating radiator systems, header tanks, thermostat components, inlet & outlet pipes. 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-218G2-V30-Black-34N-PA66-30-glass-fiber-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-218G2-V30-Black-34N-PA66-30-glass-fiber-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in <sup>3</sup>	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	140 MPa	20300 psi	ISO 527 Type 1A
Elongation at Break	4.0 %	4.0 %	ISO 527 Type 1A
Tensile Modulus	7.50 GPa	1090 ksi	ISO 527 Type 1A
Flexural Modulus	6.40 GPa	928 ksi	ISO 178
Izod Impact, Notched (ISO)	18.0 kJ/m <sup>2</sup>	8.57 ft-lb/in <sup>2</sup>	ISO 180/1eA
Charpy Impact Unnotched	10.5 J/cm <sup>2</sup>	50.0 ft-lb/in <sup>2</sup>	ISO 179/1eU
Charpy Impact, Notched	1.50 J/cm <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	ISO 179/1eA

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

## Contact Songhan Plastic Technology Co.,Ltd.

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