

## Solvay TECHNYLÂ® A 218 V35 Black 34 NG PA66, 35% glass fiber, Conditioned

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

### Material Notes:

Description: TECHNYLÂ® A 218 V35 Black 34 NG is a polyamide 66, reinforced with 35% of glass fiber, heat stabilized, for injection molding. The product is available in black color. Benefits: This product has been specially designed to improve its resistance to automotive cooling liquids, increasing lifetime of parts in permanent contact with such liquids. Available in: Europe and North 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: 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-218-V35-Black-34-NG-PA66-35-glass-fiber-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-218-V35-Black-34-NG-PA66-35-glass-fiber-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	150 MPa	21800 psi	ISO 527 Type 1A
Elongation at Break	4.0 %	4.0 %	ISO 527 Type 1A
Tensile Modulus	8.70 GPa	1260 ksi	ISO 527 Type 1A
Izod Impact, Notched (ISO)	18.0 kJ/mÂ²	8.57 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	10.0 J/cmÂ²	47.6 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.85 J/cmÂ²	8.80 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	IEC 60093
Surface Resistance	1.00e+12 ohm	1.00e+12 ohm	IEC 60093
Dielectric Strength	29.0 kV/mm	737 kV/in	IEC 60243
Dissipation Factor	0.11	0.11	IEC 60250
Comparative Tracking Index	600 V	600 V	Solution A; IEC 60112

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

## **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**