

## Solvay TECHNYLÂ® A 218 V25 Black 21 N PA66, 25% glass fiber, Conditioned

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

### Material Notes:

Description: TECHNYLÂ® A 218 V25 is a polyamide 66, reinforced with 25% of glass fiber, heat stabilized, for injection molding. This product is available in natural and black colors. Benefits: The product offers an excellent combination between thermal and mechanical properties. Available in: Asia Pacific, 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: It is used in a wide variety of industries. 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-V25-Black-21-N-PA66-25-glass-fiber-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-218-V25-Black-21-N-PA66-25-glass-fiber-Conditioned.php)

| Physical Properties | Metric    | English        | Comments   |
|---------------------|-----------|----------------|------------|
| Density             | 1.32 g/cc | 0.0477 lb/inÂ³ | ISO 1183/A |

| Mechanical Properties      | Metric      | English         | Comments        |
|----------------------------|-------------|-----------------|-----------------|
| Tensile Strength at Break  | 120 MPa     | 17400 psi       | ISO 527 Type 1A |
| Elongation at Break        | 4.0 %       | 4.0 %           | ISO 527 Type 1A |
| Tensile Modulus            | 6.30 GPa    | 914 ksi         | ISO 527 Type 1A |
| Flexural Modulus           | 5.00 GPa    | 725 ksi         | ISO 178         |
| Izod Impact, Notched (ISO) | 15.0 kJ/mÂ² | 7.14 ft-lb/inÂ² | ISO 180/1A      |
| Charpy Impact Unnotched    | 8.70 J/cmÂ² | 41.4 ft-lb/inÂ² | ISO 179/1eU     |
| Charpy Impact, Notched     | 1.30 J/cmÂ² | 6.19 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 Constant        | 4.0             | 4.0             | IEC 60250             |
| Dielectric Strength        | 28.0 kV/mm      | 711 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 |
|-----------------------|--------|---------|----------|
|-----------------------|--------|---------|----------|

Processing Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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