# Solvay TECHNYLSTARâ„¢ AFX 218 V50 PA6, 50% glass filled, Conditioned

**Category :** Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 50% Glass Fiber Filled

**Material Notes:**

Description TECHNYLSTARâ„¢ AFX 218 V50 is based on a patented high flow polyamide 66 resin (Technylstar), heat stabilized, reinforced with 50% of glass fiber, for injection molding. It is available in black and natural colors.Benefits: Due to its outstanding flow characteristics, the product shows exceptional processing behavior and excellent surface aspect of the finished part.Available in: Europe, Latin America and North AmericaRegulations 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: The product is particularly suitable for all applications where a high rigidity is required: typically structural parts or brackets for the automotive industry. Its high mechanical performance allows that product to be an alternative to metal parts.Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Solvay-TECHNYLSTAR-AFX-218-V50-PA6-50-glass-filled-Conditioned.php

| Physical Properties | Metric | English | Comments |
|---|---|---|---|
| Density | 1.57 g/cc | 0.0567 lb/inÂ³ | ISO 1183/A |

| Mechanical Properties | Metric | English | Comments |
|---|---|---|---|
| Tensile Strength at Break | 180 MPa | 26100 psi | ISO 527 Type 1A |
| Elongation at Break | 3.5 % | 3.5 % | ISO 527 Type 1A |
| Tensile Modulus | 12.5 GPa | 1810 ksi | ISO 527 Type 1A |
| Izod Impact, Notched (ISO) | 21.0 kJ/mÂ² | 9.99 ft-lb/inÂ² | ISO 180/1eA |
| Izod Impact, Unnotched (ISO) | 91.0 kJ/mÂ² | 43.3 ft-lb/inÂ² | ISO 180/1eU |
| Charpy Impact Unnotched | 10.4 J/cmÂ² | 49.5 ft-lb/inÂ² | ISO 179/1eU |
| Charpy Impact, Notched | 2.10 J/cmÂ² | 9.99 ft-lb/inÂ² | ISO 179/1eA |

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China