

## Solvay TECHNYLSTAR<sup>®</sup>,ç SX 216 V50 PA6, 50% glass filled, Conditioned

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

### Material Notes:

Description: TECHNYLSTAR Polyamide, reinforced with 50% of glass fiber, characterized by a high fluidity of the melt, for injection molding. Available in: Asia Pacific, Europe and North America Product Applications: TECHNYLSTAR TM SX 216 V50 is suitable for all applications where a high rigidity is required. Due to its outstanding flow properties, the material easily fills the mould and the surface aspect of the finished part is excellent. This product is available in natural. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-TECHNYLSTAR-SX-216-V50-PA6-50-glass-filled-Conditioned.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYLSTAR-SX-216-V50-PA6-50-glass-filled-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 lb/in <sup>3</sup>	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	162 MPa	23500 psi	ISO 527 Type 1A
Elongation at Break	4.0 %	4.0 %	ISO 527 Type 1A
Tensile Modulus	11.6 GPa	1680 ksi	ISO 527 Type 1A
Flexural Modulus	10.0 GPa	1450 ksi	ISO 178
Izod Impact, Notched (ISO)	22.0 kJ/m <sup>2</sup>	10.5 ft-lb/in <sup>2</sup>	ISO 180/1eA
Izod Impact, Unnotched (ISO)	100 kJ/m <sup>2</sup>	47.6 ft-lb/in <sup>2</sup>	ISO 180/1eU
Charpy Impact Unnotched	9.50 J/cm <sup>2</sup>	45.2 ft-lb/in <sup>2</sup>	ISO 179/1eU
Charpy Impact, Notched	2.00 J/cm <sup>2</sup>	9.52 ft-lb/in <sup>2</sup>	ISO 179/1eA

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.15 %	<= 0.15 %	

## 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