

Solvay TECHNYLSTAR[®],ç SX 218 L2 V60 Black JA6A PA6, 60% glass filled, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 60% Glass Fiber Filled

Material Notes:

Description: TECHNYLSTAR polyamide reinforced with 60% of glass fiber, heat and UV stabilized, characterized by a high fluidity of the melt, for injection molding. Available in: Europe Product Applications: TECHNYLSTAR TM SX 218 L2 V60 BLACK JA6A 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 black. 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-218-L2-V60-Black-JA6A-PA6-60-glass-filled-DRY.php

Physical Properties	Metric	English	Comments
Density	1.66 g/cc	0.0600 lb/in ³	ISO 1183/A
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	Isotropy
Linear Mold Shrinkage, Flow	0.00010 cm/cm	0.00010 in/in	
Linear Mold Shrinkage, Transverse	0.00010 cm/cm	0.00010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	240 MPa	34800 psi	ISO 527 Type 1A
Elongation at Break	2.4 %	2.4 %	ISO 527 Type 1A
Tensile Modulus	21.0 GPa	3050 ksi	ISO 527 Type 1A
Flexural Modulus	19.0 GPa	2760 ksi	ISO 178
Izod Impact, Notched (ISO)	15.2 kJ/m ²	7.23 ft-lb/in ²	ISO 180/1eA
Izod Impact, Unnotched (ISO)	90.0 kJ/m ²	42.8 ft-lb/in ²	ISO 180/1eU
Charpy Impact Unnotched	8.50 J/cm ²	40.4 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	1.50 J/cm ²	7.14 ft-lb/in ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	222 Â°C	432 Â°F	ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	215 Â°C	419 Â°F	ISO 75/Af
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	1210

Processing Properties	Metric	English	Comments
Feed Temperature	220 - 225 Â°C	428 - 437 Â°F	
Front Barrel Temperature	240 - 245 Â°C	464 - 473 Â°F	
Mold Temperature	80.0 Â°C	176 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
Moisture Content	<= 0.15 %	<= 0.15 %	

Descriptive Properties	Value	Comments
Compression Zone	235-240Â°C	

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