

Solvay TECHNYLSTAR[®],ç SX 218 V60 Black Z PA6, 60% glass filled, Conditioned

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

Material Notes:

Description: TECHNYLSTAR Polyamide reinforced with 60% of glass fiber, heat stabilized, for injection molding. Characterized by a high fluidity of the melt. Available in: Asia Pacific, Europe and North America
Product Applications: TECHNYL STAR SX 218 V60 BLACK Z 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. 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-V60-Black-Z-PA6-60-glass-filled-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.65 g/cc	0.0596 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	165 MPa	23900 psi	ISO 527 Type 1A
Elongation at Break	4.0 %	4.0 %	ISO 527 Type 1A
Tensile Modulus	15.5 GPa	2250 ksi	ISO 527 Type 1A
Flexural Modulus	13.2 GPa	1910 ksi	ISO 178
Izod Impact, Notched (ISO)	22.0 kJ/m ²	10.5 ft-lb/in ²	ISO 180/1eA
Izod Impact, Unnotched (ISO)	100 kJ/m ²	47.6 ft-lb/in ²	ISO 180/1eU
Charpy Impact Unnotched	9.50 J/cm ²	45.2 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	2.00 J/cm ²	9.52 ft-lb/in ²	ISO 179/1eA

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

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