

Solvay Technyl Starâ„¸ S 218 V50 50% Glass Reinforced Nylon 6

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

Material Notes:

Heat stabilized, low viscosity, injection grade. Information provided by Rhodia; Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Technyl-Star-S-218-V50-50-Glass-Reinforced-Nylon-6.php

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 lb/in ³	ISO 1183-A
Water Absorption	0.72 %	0.72 %	ISO 62
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	230 MPa	33400 psi	ISO 527
Elongation at Break	2.6 %	2.6 %	ISO 527
Tensile Modulus	17.0 GPa	2470 ksi	ISO 527
Flexural Modulus	15.5 GPa	2250 ksi	ISO 178
Izod Impact, Notched (ISO)	15.0 kJ/m ²	7.14 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	222 Â°C	432 Â°F	ISO 3146-C
Deflection Temperature at 1.8 MPa (264 psi)	210 Â°C	410 Â°F	ISO 75-2

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