

Solvay TECHNYLÂ® A 718 V30 PA66, 30% glass fiber, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Description: TECHNYL A 718 V30 is a polyamide 66 reinforced with glass fiber and thermal stabilized for injection moldingColors: it is sailed on natural and black colorAvailable in: Latin AmericaMain Properties: Good mechanical properties, Great superficial aspect, Dimensional stability and Excellent flow characteristicsApplications: This product is indicated for pieces with complex geometries, which need an excellent superficial aspect and good mechanical properties.Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYL-A-718-V30-PA66-30-glass-fiber-DRY.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/inÂ³	ISO 1183/A
Water Absorption	0.50 - 1.0 % @Temperature 23.0 Â°C, Time 86400 sec	0.50 - 1.0 % @Temperature 73.4 Â°F, Time 24.0 hour	ISO 62
Linear Mold Shrinkage, Flow	0.0050 cm/cm	0.0050 in/in	
Linear Mold Shrinkage, Transverse	0.013 cm/cm	0.013 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	150 MPa	21800 psi	ISO 527
Elongation at Break	2.5 %	2.5 %	ISO 527
Tensile Modulus	9.00 GPa	1310 ksi	ISO 527
Flexural Strength	250 MPa	36300 psi	ISO 178
Flexural Modulus	8.20 GPa	1190 ksi	ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/mÂ²	1.43 ft-lb/inÂ²	ISO 180
Charpy Impact Unnotched	3.50 J/cmÂ²	16.7 ft-lb/inÂ²	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	255 - 265 Â°C	491 - 509 Â°F	ISO 3146-A
Deflection Temperature at 1.8 MPa (264 psi)	250 Â°C	482 Â°F	ISO 75

Processing Properties	Metric	English	Comments
Feed Temperature	250 - 270 Â°C	482 - 518 Â°F	

Processing Properties	Metric	English	Comments
Nozzle Temperature	270 - 290 Â°C	518 - 554 Â°F	
Mold Temperature	60.0 - 80.0 Â°C	140 - 176 Â°F	

Descriptive Properties	Value	Comments
Compression Zone	260-280Â°C	

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