

Solvay TECHNYLÂ® A 218HP V30 Black 21N PA66, 30% glass fiber, Conditioned

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

Material Notes:

Provisional datasheet - Product in developmentDescription: Polyamide 66, reinforced with 30% of glass fiber, heat stabilized, for injection molding.Available in: EuropeProduct Applications: TECHNYLÂ® A 218HP V30 BLACK 21N offers an outstanding long term heat resistance and is suitable to work in environments characterized by a very high temperature. Offering an excellent combination between thermal and mechanical properties, it is used in all sectors of industry, such as in the automotive for engine components and in the electrical field for bobbin coil.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-218HP-V30-Black-21N-PA66-30-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	110 MPa	16000 psi	ISO 527 Type 1A
Elongation at Break	5.5 %	5.5 %	ISO 527 Type 1A
Tensile Modulus	6.60 GPa	957 ksi	ISO 527 Type 1A
Flexural Strength	180 MPa	26100 psi	ISO 178
Flexural Modulus	5.90 GPa	856 ksi	ISO 178
Charpy Impact Unnotched	7.70 J/cmÂ²	36.6 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	1.90 J/cmÂ²	9.04 ft-lb/inÂ²	ISO 179/1eA

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.12 %	<= 0.12 %	

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