

Solvay TECHNYLÂ® A 218HP V50 PA66, 35% glass fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Glass Fiber Filled

Material Notes:

Description: TECHNYLÂ® A 218HP V50 is a polyamide 66, reinforced with 50% of glass fiber, heat stabilized, for injection molding. This product is available in black color. Benefits: The product offers an outstanding long term heat resistance and is suitable to work in environments characterized by a very high temperature. Available in: Asia Pacific, Europe and Latin America Regulations compliance: Grades produced or imported in Europe comply with directive 453/2010/EC, which amends REACH directive 1907/2006/EC. This grade complies with RoHS directive 2002/95/EC. Unless specified, this grade is not suitable for food contact, medical devices or toy applications. Applications: It is used in a wide variety of industries, especially in automotive industry for air circuit parts such as intercoolers. 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-V50-PA66-35-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.52 g/cc	0.0549 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	143 MPa	20700 psi	ISO 527 Type 1A
Elongation at Break	2.0 %	2.0 %	ISO 527 Type 1A
Tensile Modulus	10.5 GPa	1520 ksi	ISO 527 Type 1A
Flexural Strength	230 MPa	33400 psi	ISO 178
Flexural Modulus	10.0 GPa	1450 ksi	ISO 178
Charpy Impact Unnotched	9.40 J/cmÂ²	44.7 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	2.30 J/cmÂ²	10.9 ft-lb/inÂ²	ISO 179/1eA

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

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