

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

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

Material Notes:

Description: TECHNYLÂ® A 218 V30 BLACK 21NHFE is a polyamide 6.6, high flow, reinforced with 30% of glass fiber, heat stabilized, for injection molding. This product is available in black color. Benefits: This product has enhanced molding behaviors and better surface aspect. It offers an excellent combination between thermal and mechanical properties. This grade is ideal for use in the automotive industry for engine components. Available in: Europe 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: This grade is suitable for all kind of applications in automotive (pulleys, Inlet manifolds, air-ducts, engine covers, etc) and non automotive that required a good balanced behavior between surface aspect, thermal and mechanical behavior. 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-218-V30-Black-21-NHFE-PA66-30-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	135 MPa	19600 psi	ISO 527 Type 1A
Elongation at Break	4.2 %	4.2 %	ISO 527 Type 1A
Tensile Modulus	7.50 GPa	1090 ksi	ISO 527 Type 1A
Charpy Impact Unnotched	8.00 J/cm ²	38.1 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	1.40 J/cm ²	6.66 ft-lb/in ²	ISO 179/1eA

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

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