

Solvay TECHNYL® A 218 S30 Black 21 N PA66, 30% glass fiber, Conditioned

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

Material Notes:

Description: Polyamide PA66, reinforced with 30% of glass spheres, heat stabilized, for injection molding. Available in: EuropeProduct

Applications: TECHNYL® A 218 S30 is used in all sectors of industry, offering an excellent combination between thermal and mechanical properties. This grade is recommended for mechanical components which require a very good surface finish with low warpage, and good compression strength. (bearing housings). This product is available in black. 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-S30-Black-21-N-PA66-30-glass-fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ISO 527 Type 1A
Elongation at Break	12 %	12 %	ISO 527 Type 1A
Tensile Modulus	2.50 GPa	363 ksi	ISO 527 Type 1A
Flexural Modulus	1.90 GPa	276 ksi	ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m²	2.38 ft-lb/in²	ISO 180/1A
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	0.500 J/cm²	2.38 ft-lb/in²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Dielectric Strength	26.0 kV/mm	660 kV/in	IEC 60243
Dissipation Factor	0.11	0.11	IEC 60250

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

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