

Solvay TECHNYLÂ® A 216 S30 PA66, 30% glass spheres, Conditioned

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

Material Notes:

Description: Polyamide 66, reinforced with 30% of glass spheres, for injection molding. Available in: Europe

Product Applications: TECHNYLÂ® A 216 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. This product is available in natural, black, grey, red, white, and in special colors on request. 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-216-S30-PA66-30-glass-spheres-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/inÂ³	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 Strength	65.0 MPa	9430 psi	ISO 178
Flexural Modulus	1.90 GPa	276 ksi	ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/mÂ²	2.38 ft-lb/inÂ²	ISO 180/1A
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	0.500 J/cmÂ²	2.38 ft-lb/inÂ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	IEC 60093
Surface Resistance	5.00e+10 ohm	5.00e+10 ohm	IEC 60093
Dielectric Strength	26.0 kV/mm	660 kV/in	IEC 60243
Dissipation Factor	0.11	0.11	IEC 60250
Comparative Tracking Index	500 V	500 V	Solution A; IEC 60112

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

Processing Properties	Metric	English	Comments
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