

Solvay TECHNYLÂ® C 536XT PA6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Extruded

Material Notes:

Description: TECHNYLÂ® C 536XT is an unreinforced polyamide 6, high viscosity, for extrusion blow molding. This product is available in natural color. Benefits: The product offers a good processing behavior, high impact resistance even at low temperature and high barrier properties especially to fluids such as fuels and oils, as well as a high toughness. Available in: Europe and North 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: This grade is particularly recommended for use in applications such as tanks or pipes. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYL-C-536XT-PA6-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	42.0 MPa	6090 psi	ISO 527 Type 1A
Elongation at Break	190 %	190 %	ISO 527 Type 1A
Tensile Modulus	0.910 GPa	132 ksi	ISO 527 Type 1A
Flexural Modulus	0.650 GPa	94.3 ksi	ISO 178
Izod Impact, Notched (ISO)	NB	NB	ISO 180/1eA

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.080 %	<= 0.080 %	

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