

Solvay TECHNYLÂ® C 246SI V11 PA6, 11% glass filled, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 10% Glass Fiber Filled

Material Notes:

Description: Polyamide 6, reinforced with 11% of glass fiber, with high impact resistance, for injection molding. Available in: Asia

Pacific Product Applications: TECHNYLÂ® C 246SI V11 has good mechanical properties and impact strength at low temperature. This grade is widely used for: ski boot parts. This product is available in natural color and colors in 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-C-246SI-V11-PA6-11-glass-filled-DRY.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 MPa	13100 psi	ASTM D638
Elongation at Break	7.0 %	7.0 %	ASTM D638
Flexural Strength	135 MPa	19600 psi	ASTM D790
Flexural Modulus	4.10 GPa	595 ksi	ASTM D790
Izod Impact, Notched	1.95 J/cm	3.65 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	222 Â°C	432 Â°F	ISO 11357
Flammability, UL94	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	

Processing Properties	Metric	English	Comments
Feed Temperature	250 - 280 Â°C	482 - 536 Â°F	
Front Barrel Temperature	260 - 290 Â°C	500 - 554 Â°F	
Mold Temperature	70.0 - 90.0 Â°C	158 - 194 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
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Compression Zone Descriptive Properties	250-280A °C Value	Comments
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