

Solvay TECHNYLÂ® eXten D238 V30 Nylon 6,10, 30% glass fiber, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 610 , Nylon 610, Glass Reinforced

Material Notes:

Description: TECHNYLÂ® eXten D 238 V30 is a PA6,10 30% glass fiber reinforced and impact modified suitable for injection molding. TECHNYLÂ® eXten D 238 V30 is based on a partially bio-sourced polyamide 6,10. This material is available in black. Available in: Asia Pacific, Europe, Latin America and North America
 Product Applications: TECHNYLÂ® eXten D 238 V30 is suitable to the manufacturing of injection molded parts in all sectors of applications. It offers excellent chemical resistance, low water absorption, very good mechanical properties and moldability. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYL-eXten-D238-V30-Nylon-610-30-glass-fiber-DRY.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/inÂ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	120 MPa	17400 psi	ISO 527 Type 1A
Elongation at Break	5.0 %	5.0 %	ISO 527 Type 1A
Tensile Modulus	7.40 GPa	1070 ksi	ISO 527 Type 1A
Flexural Strength	199 MPa	28900 psi	ISO 178
Flexural Modulus	6.80 GPa	986 ksi	ISO 178
Charpy Impact Unnotched	9.00 J/cmÂ²	42.8 ft-lb/inÂ²	ISO 179/1eU
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Charpy Impact, Notched	10.0 J/cmÂ²	47.6 ft-lb/inÂ²	ISO 179/1eU
	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	
Charpy Impact, Notched	1.50 J/cmÂ²	7.14 ft-lb/inÂ²	ISO 179/1eA
	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	
Charpy Impact, Notched	2.70 J/cmÂ²	12.8 ft-lb/inÂ²	ISO 179/1eA
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Melting Point	215 Â°C	419 Â°F	ISO 11357

Thermal Properties <small>Deflection Temperature at 1.8 MPa (104 psi)</small>	190 Â°C Metric	374 Â°F English	ISO 75/AF Comments
Flammability, UL94	HB	HB	ISO 1210
	@Thickness 0.800 mm	@Thickness 0.0315 in	
	HB	HB	ISO 1210
@Thickness 1.60 mm	@Thickness 0.0630 in		
	HB	HB	ISO 1210
	@Thickness 3.20 mm	@Thickness 0.126 in	

Processing Properties	Metric	English	Comments
Feed Temperature	225 - 230 Â°C	437 - 446 Â°F	
Mold Temperature	80.0 - 100 Â°C	176 - 212 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Compression Zone	230-240Â°C	
Mixing Zone	240-250Â°C	

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