

Solvay TECHNYLÂ® A 238 V13 PA66, 13% glass fiber, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled

Material Notes:

Description: Polyamide 66, reinforced with 13% of glass fiber, heat stabilized, with improved impact resistance, for injection molding. Available in: Europe, Latin America and North America Product Applications: In addition to primary polyamide properties, TECHNYL Â® A 238 V13 offers a very good rigidity/impact resistance compromise, at high temperatures. This grade is used for under bonnet automotive parts, such as: various covers and fasteners. This product is available in natural. 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-238-V13-PA66-13-glass-fiber-DRY.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.0085 cm/cm	0.0085 in/in	Isotropy
Linear Mold Shrinkage, Flow	0.0085 cm/cm	0.0085 in/in	
Linear Mold Shrinkage, Transverse	0.010 cm/cm	0.010 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	100 MPa	14500 psi	ISO 527 type 1 A
Elongation at Yield	4.0 %	4.0 %	ISO 527 type 1 A
Tensile Modulus	5.50 GPa	798 ksi	ISO 527 Type 1A
Izod Impact, Notched (ISO)	8.00 kJ/mÂ²	3.81 ft-lb/inÂ²	ISO 180/1eA
Charpy Impact Unnotched	6.50 J/cmÂ²	30.9 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.600 J/cmÂ²	2.86 ft-lb/inÂ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	50.0 Âµm/m-Â°C	27.8 Âµin/in-Â°F	ISO 11359
	@Temperature 23.0 - 85.0 Â°C	@Temperature 73.4 - 185 Â°F	
Melting Point	263 Â°C	505 Â°F	ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	228 Â°C	442 Â°F	ISO 75/Af
Flammability, UL94	HB	HB	1210
	@Thickness 1.60 mm	@Thickness 0.0630 in	

Processing Properties	Metric	English	Comments
Feed Temperature	260 - 270 Â°C	500 - 518 Â°F	
Front Barrel Temperature	280 - 290 Â°C	536 - 554 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	270-280Â°C	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China