

Solvay TECHNYL® C 218L V30 PA6, 30% glass fiber, Eh 0

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 30% Glass Fiber Filled

Material Notes:

Description: TECHNYL C 218 L V30 is a polyamide 6 reinforced with 30% glass fiber and UV stabilized. Colors: it is marketed in the natural and black color. Available in: Latin America Main Properties: ? Excellent superficial aspect, Excellent dimensional stability, Good thermal resistance, ? UV stabilization and Good impact resistance Applications: TECHNYL C 218 L V30 was developed for applications where good balance of mechanical and thermal properties are required with good superficial aspect. 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-218L-V30-PA6-30-glass-fiber-Eh-0.php

Physical Properties	Metric	English	Comments
Water Absorption	0.95 % @Temperature 23.0 Â°C, Time 86400 sec	0.95 % @Temperature 73.4 Â°F, Time 24.0 hour	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	165 MPa	23900 psi	ISO 527
Elongation at Break	3.8 %	3.8 %	ISO 527
Tensile Modulus	9.70 GPa	1410 ksi	ISO 527
Flexural Modulus	14.3 GPa	2070 ksi	ISO 178
Charpy Impact Unnotched	7.00 J/cmÂ²	33.3 ft-lb/inÂ²	ISO 179
Charpy Impact, Notched	0.800 J/cmÂ²	3.81 ft-lb/inÂ²	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	220 Â°C	428 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	210 Â°C	410 Â°F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	208 Â°C	406 Â°F	ISO 75/Af
Flammability, UL94	HB	HB	
Oxygen Index	23 %	23 %	ISO 4589
Glow Wire Test	650 Â°C	1200 Â°F	ISO 60695

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	CEI 93
Dielectric Constant	3.8	3.8	CEI 250
Dissipation Factor	0.020	0.020	CEI 250
Comparative Tracking Index	550 V	550 V	CEI 112

Processing Properties	Metric	English	Comments
Feed Temperature	225 - 230 Â°C	437 - 446 Â°F	
Nozzle Temperature	240 - 250 Â°C	464 - 482 Â°F	
Mold Temperature	80.0 - 100 Â°C	176 - 212 Â°F	

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