

Teknor Apex Chemlon® 133 GVH Nylon 66, 30% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled , Nylon 66, Glass Fiber Filled, Flame Retardant

Material Notes:

Notes: Excellent for connectors and electrical parts; Flammability: Passes, FMVSS 302 Processing Method: Injection Molding Forms:

Pellets Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Chemlon-133-GVH-Nylon-66-30-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.59 g/cc	1.59 g/cc	ASTM D792
Water Absorption	0.60 %	0.60 %	24 hr; ASTM D750
Linear Mold Shrinkage	0.0015 - 0.0030 cm/cm	0.0015 - 0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength	134 MPa	19500 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Elongation at Yield	2.0 %	2.0 %	ASTM D638
Flexural Strength	193 MPa	28000 psi	ASTM D790
Flexural Modulus	8.96 GPa	1300 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm @Temperature 22.8 Â°C	2.00 ft-lb/in @Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	50.4 Âµm/m-Â°C	28.0 Âµin/in-Â°F	ASTM D696
Melting Point	257 Â°C	495 Â°F	DSC
Deflection Temperature at 1.8 MPa (264 psi)	243 Â°C	470 Â°F	Unannealed; ASTM D648
Flammability, UL94	V-0 @Thickness 0.800 mm	V-0 @Thickness 0.0315 in	
Oxygen Index	33 %	33 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+18 ohm-cm	1.00e+18 ohm-cm	ASTM D257

Electrical Properties	Metric	English	Comments
Dielectric Strength	15.0 kV/mm @Thickness 3.00 mm	300 kV/in @Thickness 0.118 in	ASTM D149
Comparative Tracking Index	300 V	300 V	UL 746

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	241 - 257 Â°C	465 - 495 Â°F	
Middle Barrel Temperature	263 - 279 Â°C	505 - 535 Â°F	
Front Barrel Temperature	263 - 285 Â°C	505 - 545 Â°F	
Nozzle Temperature	263 - 285 Â°C	505 - 545 Â°F	
Melt Temperature	263 - 285 Â°C	505 - 545 Â°F	Processing Temperature
Drying Temperature	79.4 Â°C	175 Â°F	

Descriptive Properties	Value	Comments
Suggested Moisture, max	0.2	
Suggested Re grind, max	25	

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