

Teknor Apex APEXÂ® 4112 Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade , PVC, Wire and Cable Grade

Material Notes:

Notes: 75Â°C General Purpose; RoHS Compliant Uses: Connectors; Grommets; Plugs; Strain ReliefsForms: Pellets Processing Method:

Injection Molding Agency Ratings: UL QMFZ2 .E54709 Wire Types: Molded Components Additional Information: Temperature Rating: 75Â°C

FR Plugs Contact Insulators Recognized Component, CSA C22.2 No. 0.6, CSA Flammability Classification: 0.6V-0 at 0.76 mmInformation

Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-4112-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792
Linear Mold Shrinkage	0.010 - 0.012 cm/cm	0.010 - 0.012 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	70	70	10 seconds; ASTM D2240
Tensile Strength at Break	21.4 MPa	3100 psi	ASTM D638
Elongation at Break	320 %	320 %	ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-20.0 Â°C	-4.00 Â°F	ASTM D746
UL RTI, Electrical	90.0 Â°C	194 Â°F	UL 746
	@Thickness 0.810 mm	@Thickness 0.0319 in	
	90.0 Â°C	194 Â°F	UL 746
	@Thickness 3.00 mm	@Thickness 0.118 in	
UL RTI, Mechanical without Impact	90.0 Â°C	194 Â°F	UL 746
	@Thickness 0.810 mm	@Thickness 0.0319 in	
	90.0 Â°C	194 Â°F	UL 746
	@Thickness 3.00 mm	@Thickness 0.118 in	
Flammability, UL94	V-0	V-0	
	@Thickness 0.810 mm	@Thickness 0.0319 in	
	V-0	V-0	
	@Thickness 3.00 mm	@Thickness 0.118 in	

Thermal Properties	Metric	English	Comments
Electrical Properties	Metric	English	Comments
Comparative Tracking Index	>= 600 V @Thickness 3.00 mm	>= 600 V @Thickness 0.118 in	UL 746
Hot Wire Ignition, HWI	60 - 120 sec @Thickness 3.00 mm	60 - 120 sec @Thickness 0.118 in	UL 746
High Amp Arc Ignition, HAI	30 - 60 arcs @Thickness 3.00 mm	30 - 60 arcs @Thickness 0.118 in	UL 746
Processing Properties	Metric	English	Comments
Melt Temperature	191 Â°C	375 Â°F	Processing Temperature
Descriptive Properties	Value		Comments
Appearance	Opaque		

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