

Teknor Apex APEX[®] 4111 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 105[°]C General Purpose; RoHS Compliant Uses: Connectors; Grommets; Plugs; Strain Reliefs; Wire and Cable ApplicationsForms:

Pellets Agency Ratings: UL QMFZ2 .E54709 Wire Types: Molded ComponentsAdditional Information: Temperature Rating:

105[°]CRecognized Component, CSA C22.2 No. 0.6, CSA Flammability Classification: 0.6V-2 at .81 mmInformation Provided by Teknor

Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-4111-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 g/cc	1.39 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	82	82	10 seconds; ASTM D2240
Tensile Strength at Break	18.8 MPa	2730 psi	ASTM D638
Elongation at Break	280 %	280 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 [°] C	221 [°] F	Continuous Use; ASTM D794
Brittleness Temperature	-10.0 [°] C	14.0 [°] F	ASTM D746
Flammability, UL94	V-0 @Thickness 3.00 mm	V-0 @Thickness 0.118 in	
Oxygen Index	31 %	31 %	ASTM D2863

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	>= 120 sec @Thickness 3.00 mm	>= 120 sec @Thickness 0.118 in	UL 746
High Amp Arc Ignition, HAI	60 - 120 arcs @Thickness 3.00 mm	60 - 120 arcs @Thickness 0.118 in	UL 746

Processing Properties	Metric	English	Comments
Melt Temperature	193 Â°C	380 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