

Teknor Apex APEX[®] 7500-70 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 Features: High Heat Resistance Uses: Connectors; Grommets; Plugs; Strain Reliefs Forms: Pellets Processing Method: Injection Molding Agency Ratings: UL QMFZ2 .E54709 Wire Types: Molded Components Additional Information: Temperature Rating: 105[°]C Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-7500-70-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D792
Linear Mold Shrinkage	0.015 - 0.018 cm/cm	0.015 - 0.018 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	15 seconds; ASTM D2240
Tensile Strength at Break	12.6 MPa	1830 psi	ASTM D638
Elongation at Break	420 %	420 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 [°] C	221 [°] F	Continuous Use; ASTM D794
UL RTI, Electrical	50.0 [°] C @Thickness 1.50 mm	122 [°] F @Thickness 0.0591 in	UL 746
UL RTI, Mechanical with Impact	50.0 [°] C @Thickness 1.50 mm	122 [°] F @Thickness 0.0591 in	UL 746
UL RTI, Mechanical without Impact	50.0 [°] C @Thickness 1.50 mm	122 [°] F @Thickness 0.0591 in	UL 746
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

Processing Properties	Metric	English	Comments
Melt Temperature	174 [°] C	345 [°] F	Processing Temperature

Descriptive Properties	Value	Comments
Appearance	Opaque	

Descriptive Properties	Value	Comments
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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