

Teknor Apex APEX® 7500-85 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-7500-85-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 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 A	85	85	15 seconds; ASTM D2240
Tensile Strength at Break	17.2 MPa	2500 psi	ASTM D638
Elongation at Break	220 %	220 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 °C	221 °F	Continuous Use; ASTM D794
Brittleness Temperature	-34.0 °C	-29.2 °F	ASTM D746
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	
Oxygen Index	23 %	23 %	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	182 °C	360 °F	Processing Temperature

Descriptive Properties	Value	Comments
Appearance	Clear/Transparent	

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