

Teknor Apex APEXÂ® 7500-90 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 105Â°C General Purpose; RoHS Compliant Features: High Heat Resistance Uses: Connectors; Grommets; Plugs; Strain ReliefsForms:

Pellets Processing Method: Injection Molding Agency Ratings: UL QMFZ2 .E54709 Wire Types: Molded Components Additional Information:

Temperature Rating: 105Â°CInformation Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-7500-90-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 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	65	65	10 seconds; ASTM D2240
Tensile Strength at Break	20.7 MPa	3000 psi	ASTM D638
Elongation at Break	230 %	230 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 Â°C	221 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-28.0 Â°C	-18.4 Â°F	ASTM D746
UL RTI, Electrical	50.0 Â°C @Thickness 1.50 mm	122 Â°F @Thickness 0.0591 in	UL 746
UL RTI, Mechanical with Impact	50.0 Â°C @Thickness 1.50 mm	122 Â°F @Thickness 0.0591 in	UL 746
UL RTI, Mechanical without Impact	50.0 Â°C @Thickness 1.50 mm	122 Â°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	110 Â°C	230 Â°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