

Teknor Apex APEX[®] 77-W115-B Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade

Material Notes:

Notes: 105Â°C General Purpose; RoHS Compliant Uses: Connects; Grommets; Plugs; Strain ReliefsForms: Pellets 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-77-W115-B-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792

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	360 %	360 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 Â°C	221 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-15.0 Â°C	5.00 Â°F	ASTM D746
Flammability, UL94	V-2	V-2	
	@Thickness 0.800 mm	@Thickness 0.0315 in	
	V-0	V-0	
	@Thickness 3.00 mm	@Thickness 0.118 in	
Oxygen Index	29 %	29 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	>= 600 V	>= 600 V	UL 746
	@Thickness 3.00 mm	@Thickness 0.118 in	
Hot Wire Ignition, HWI	60 - 120 sec	60 - 120 sec	UL 746
	@Thickness 3.00 mm	@Thickness 0.118 in	
High Amp Arc Ignition, HAI	60 - 120 arcs	60 - 120 arcs	UL 746
	@Thickness 3.00 mm	@Thickness 0.118 in	

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

Descriptive Properties	Value	Comments
Appearance	Opaque	

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