

Teknor Apex APEXÂ® 92-A2292C-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: Flame Retardant; High Heat Resistance Uses: Cable JacketingForms: Pellets

Processing Method: Injection Molding Agency Ratings: UL QMFZ2 .E54709 Wire Types: Molded ComponentsInformation Provided by Teknor

Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-92-A2292C-90-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	15 seconds; ASTM D2240
Tensile Strength at Break	17.9 MPa	2600 psi	ASTM D638
Elongation at Break	290 %	290 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 Â°C	221 Â°F	Continuous Use; ASTM D794
Flammability, UL94	V-2	V-2	ALL
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	V-1	V-1	ALL
	@Thickness 2.40 mm	@Thickness 0.0945 in	
	V-0	V-0	BK
	@Thickness 2.40 mm	@Thickness 0.0945 in	
	V-0	V-0	RD
	@Thickness 2.40 mm	@Thickness 0.0945 in	
Oxygen Index	27 %	27 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	>= 600 V	>= 600 V	UL 746
	@Thickness 2.40 mm	@Thickness 0.0945 in	
Hot Wire Ignition, HWI	60 - 120 sec	60 - 120 sec	UL 746

Electrical Properties	@Thickness 1.50 mm Metric	@Thickness 0.0591 in English	Comments
	60 - 120 sec	60 - 120 sec	UL 746
	@Thickness 2.40 mm	@Thickness 0.0945 in	
High Amp Arc Ignition, HAI	<= 120 arcs	<= 120 arcs	UL 746
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	<= 120 arcs	<= 120 arcs	UL 746
	@Thickness 2.40 mm	@Thickness 0.0945 in	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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