

Teknor Apex APEXÂ® 84842 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 105Â°C Insulation; High Heat Resistance; Sunlight Resistant (720 hours); RoHS Compliant Forms: Pellets Uses: Cable Jacketing;
Outdoor Applications Wire Types: CXTW; SPT-1W; STW; XTW; SJTW; SPT-2W Agency Ratings: UL 62; UL QMTT2 .E73402Information
Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-84842-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	15 seconds; ASTM D2240
Tensile Strength at Break	17.9 MPa	2600 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	-30.0 Â°C	-22.0 Â°F	ASTM D746
Oxygen Index	29 %	29 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.06	3.06	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	4.9	4.9	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	0.075	0.075	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	0.096	0.096	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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