

## Teknor Apex APEXÂ® 84855 Polyvinyl Chloride, Flexible

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

### Material Notes:

Notes: 105Â°C Jacket; RoHS Compliant Features: Flame Retardant; Sunlight Resistant (720 hours) Uses: Cable Jacketing Forms: Pellets

Agency Ratings: UL QMTT2 .E73402; UL 62 Wire Types: SJTW; STWInformation Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-APEX-84855-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-84855-Polyvinyl-Chloride-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.42 g/cc	1.42 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	65	65	10 seconds; ASTM D2240
Tensile Strength at Break	19.3 MPa	2800 psi	ASTM D638
Elongation at Break	330 %	330 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 Â°C	194 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-25.0 Â°C	-13.0 Â°F	ASTM D746
Oxygen Index	33 %	33 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.10e+11 ohm-cm	2.10e+11 ohm-cm	ASTM D257
Dielectric Constant	3.41	3.41	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	4.81	4.81	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.061	0.061	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.069	0.069	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Descriptive Properties	Value	Comments
Appearance	Opaque	

## Contact Songhan Plastic Technology Co.,Ltd.

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