

# APEX® 84855

Teknor Apex Company - Flexible Polyvinyl Chloride

Wednesday, August 28, 2019

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Flame Retardant	• Sunlight Resistant (720 hours)	
Uses	• Cable Jacketing		
Wire Types	• SJTW	• STW	
Agency Ratings	• UL 62	• UL QMTT2	
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.42		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2800	psi	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	65		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	194	°F	ASTM D794
Brittleness Temperature	-13.0	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.1E+11	ohms·cm	ASTM D257
Dielectric Constant			ASTM D150
1 kHz	4.81		
1 MHz	3.41		
Dissipation Factor			ASTM D150
1 kHz	0.061		
1 MHz	0.069		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	33	%	ASTM D2863

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

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