

# APEX® 80131

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Sunlight Resistant (300 hours) • Sunlight Resistant (720 hours)		
Uses	• Flexible Cord Insulation	• Flexible Cord Jacketing	• Transportation Wire Jacketing
Wire Types	• SJTW • SPT-1 • SPT-2	• SPT-3 • SRDT • STW	• SVT
Agency Ratings	• UL QMTT2		
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2350	psi	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-38.2	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.7E+13	ohms·cm	ASTM D257
Dielectric Strength	850	V/mil	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	22	%	ASTM D2863

### Notes

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

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