

# APEX® 80457

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	• High Heat Resistance		
Uses	• Insulation	• Wire & Cable Applications	
Wire Types	• AWM	• TEW	
Agency Ratings	• UL 1063 • UL 1581	• UL 62 • UL 83	
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2500	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	88		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-22.0	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863

### Notes

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

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