

APEX® 4303

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		
Uses	• Communication Wire Jacketing	• Telephone Retractable Cord Jacketing	
Wire Types	• SPT-1		
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3280	psi	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	86		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	167	°F	ASTM D794
Brittleness Temperature	-36.4	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.9E+10	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863

Notes

¹ Typical properties: these are not to be construed as specifications.

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