



APEX® 01-A0383A-85

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Wire & Cable Applications		
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2900	psi	ASTM D638
Tensile Elongation (Break)	310	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-13.0	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (122°F)	2.7E+11	ohms·cm	ASTM D257
Dielectric Constant (1 MHz)	3.27		ASTM D150
Dissipation Factor (1 MHz)	0.080		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863

Notes

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