



APEX® 09-A0126A-90

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Latin America • North America	
Features	• Flame Retardant • Fuel Resistant	• Good Tensile Strength • Low VOC	• Oil Resistant
Uses	• Consumer Applications	• Industrial Applications	
Regulatory Statement	• Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS.		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2870	psi	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	92		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-14.8	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	5.0E+14	ohms·cm	ASTM D257
Dielectric Constant (1 kHz)	4.49		ASTM D150
Dissipation Factor (1 kHz)	0.071		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ASTM D2863

Additional Information

Data Sheet Applies to Color Listed Below:

Natural (1048896)

Black 1 (1051188)

10/19 Core

Notes

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