



APEX® 89-P180-B

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Flame Retardant	• Low Gloss	• Low Temperature Flexibility
Uses	• Cable Jacketing		
Wire Types	• SJT	• ST	• SVT
Agency Ratings	• UL 62		
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2130	psi	ASTM D638
Tensile Elongation (Break)	310	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	73		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	176	°F	ASTM D794
Brittleness Temperature	-27.4	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.6E+11	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

Notes

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