



APEX® 01-A-0402C-112

Teknor Apex Company - Semi-Rigid Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Automotive Electronics	• Insulation	
Wire Types	• TWP		
Agency Ratings	• SAE J1128		
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3420	psi	ASTM D638
Tensile Elongation (Break)	290	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	88		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-16.6	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863

Notes

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