



APEX® 02-A0310A-107

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	• GPT		
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	1.31		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3450	psi	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Flexural Modulus	42000	psi	ASTM D790
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	82		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	194	°F	ASTM D794
Brittleness Temperature	-14.8	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863

Notes

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