



APEX® 582

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

Product Description

Applications include tubing, sheet and film, wire coating, and strip doors.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• General Purpose		
Uses	• Connectors • Grommets	• Strain Reliefs • Tubing	• Wire Jacketing
Wire Types	• SPT		
Agency Ratings	• UL 498	• UL 62	
RoHS Compliance	• RoHS Compliant		
Appearance	• Clear/Transparent		
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.16		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1750	psi	ASTM D638
Tensile Elongation (Break)	450	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	65		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	140	°F	ASTM D794
Brittleness Temperature	-47.2	°F	ASTM D746

Notes

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