



APEX® 87-L101C-1

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	• Low Gloss		
Uses	• Coaxial Cable Jacketing	• Communication Wire Jacketing	
Agency Ratings	• NEC Article 725	• NEC Article 820	• UL 62
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.42		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1570	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	75		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	140	°F	ASTM D794
Brittleness Temperature	-31.0	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863

Additional Information

Temperature Rating: 60 °C
 UL Sunlight Resistance Recognition: No
 Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 113°C: 90 %
 Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113°C: 104 %

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	350	°F

Notes

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