

APEX® 157-V

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 157-V is a flexible polyvinyl chloride material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is: extrusion.

APEX® The main features of 157-V are:

- ROHS certification
- Good UV resistance
- chemical resistance
- daylight resistance

APEX® Typical application areas of 157-V are: wire and cable

General Information			
Features	Good UV resistance		
	Sunlight resistance, 720 hours		
	Oil resistance		
	Mobility Low to None		
Uses	Wire and cable applications cord sheath		
Wire Types	SJTOW		
	STOW		
	SVTO		
Agency Ratings	UL QMTT2 .E73402		
RoHS Compliance	RoHS compliance		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	72		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.2	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-35.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method

Oxygen Index	22	%	ASTM D2863
Additional Information			
户外温度额定值:105 °C耐日光性UL认证:720小时最大伸长保持率,UL 1581,烘箱老化,7天,136°C:67 % 拉伸强度保持率,UL 1581,烘箱老化,7天,136°C:115 % 最大伸长保持率,UL 1581,ASTM 2号油,7天,60°C:87 % 拉伸强度保持率,UL 1581,ASTM 2号油,7天,60°C: 104 %			
Extrusion	Nominal Value	Unit	
Melt Temperature	174	°C	

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