

APEX® 130

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 130 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 the 130 are:

- ROHS certification
- Good UV resistance
- daylight resistance

APEX® The typical application fields of 130 are: wire and cable

General Information			
Features	Good UV resistance		
	Sunlight resistance, 720 hours		
Uses	Building wire sheath		
	Electrical wire sheath material		
	Wire and cable applications		
	cord sheath		
Wire Types	AWM		
	SJTW		
	SRDT		
	STW		
	SVT		
	UF		
	UL 2835 type		
Agency Ratings	UL QMTT2 .E73402		
RoHS Compliance	RoHS compliance		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.6	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.9	MPa	ASTM D638

Tensile Elongation (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	80.0	°C	ASTM D794
Brittleness Temperature	-30.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	22	%	ASTM D2863
Additional Information			
UL认证部件,PVC 300小时耐日光性护套材料,QMTT2.UL认证部件,PVC 720小时耐日光性绝缘与护套材料,QMTT2主护套主护套1/32内壁温度额定值:80 °C绝缘性UL认证:否耐日光性UL认证:720小时最大伸长保持率,UL 1581,烘箱老化,7天,113°C:89 % 拉伸强度保持率,UL 1581,烘箱老化,7天,113°C: 103 %			
Extrusion	Nominal Value	Unit	
Melt Temperature	179	°C	

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