

APEX® 124

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 124 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 124 are:

ROHS certification

Good UV resistance

daylight resistance

Typical application areas include:

Wire and cable

military applications

General Information			
Features	Good UV resistance		
	Sunlight resistance, 720 hours		
Uses	Wire and cable applications		
	Irrigation cable sheath material		
	Military cable sheath material		
	cord sheath		
Wire Types	SJTW		
	SRDT		
	STW		
Agency Ratings	MIL C- 17-D I		
	MIL C-2194-D		
	UL QMTT2 .E73402		
RoHS Compliance	RoHS compliance		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm³	ASTM D792
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)	330	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method

Continuous Use Temperature	80.0	°C	ASTM D794
Brittleness Temperature	-38.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	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,QMTT2UL认证部件,灌溉电缆护套材料,QMTT2.温度额定值:80 °C耐日光性UL认证:720小时最大伸长保持率,UL 1581,ASTM 2号油,4小时,70°C:80% 拉伸强度保持率,UL 1581,ASTM 2号油,4小时,70°C: 94 %

Extrusion	Nominal Value	Unit
Melt Temperature	179	°C

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Recommended distributors for this material

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