

APEX® 830

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX®830 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: sheet extrusion molding.

APEX®The main features of the 830 are:

- ROHS certification
- Good flexibility
- chemical resistance
- Heat resistance

APEX®The typical application fields of 830 are: wire and cable

General Information			
Features	Flexibility at low temperatures		
	Heat resistance, high		
	Oil resistance		
Uses	Cable sheath		
Wire Types	SJT		
	SRDT		
	ST		
	SVT		
Agency Ratings	UL 62		
RoHS Compliance	RoHS compliance		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Sheet extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.2	MPa	ASTM D638
Tensile Elongation (Break)	360	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-42.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
Additional Information			

温度额定值:105 °C耐日光性UL认证:否最大伸长保持率,UL 1581,烘箱老化,7天,136°C:87 % 拉伸强度保持率,UL 1581,烘箱老化,7天,136°C: 102 %

Extrusion	Nominal Value	Unit
Melt Temperature	179	°C

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