

APEX® 1850

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 1850 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 injection molding.

APEX® The main features of the 1850 are:

ROHS certification

Heat resistance

Typical application areas include:

Wire and cable

engineering/industrial accessories

Electrical/electronic applications

General Information			
Features	Heat resistance, high		
Uses	Plug		
	Washer		
	Connector		
	Fatigue elimination supplies		
Wire Types	Molded member		
RoHS Compliance	RoHS compliance		
Appearance	Opacity		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0 - 1.2	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	71		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	18.3	MPa	ASTM D638
Tensile Elongation (Break)	280	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-17.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863
Additional Information			
温度额定值:105°C			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	191	°C	

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Recommended distributors for this material

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