

APEX® 460

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX®460 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 characteristics of the 460 are: chemical resistance.
APEX®The typical application fields of 460 are: wire and cable

General Information			
Features	Oil resistance		
	Mobility Low to None		
Uses	cord sheath		
Wire Types	SJTOO		
	STOO		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	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)	16.5	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-17.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+11	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
Additional Information			
1/64 内壁温度额定值: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:92 % 拉伸强度保持率,UL 1581,烘箱老化,7天,136°C:97 % 最大伸长保持率,UL 1581,ASTM 2号油,7天,60°C:90 % 拉伸强度保持率,UL 1581,ASTM 2号油,7天,60°C: 108 %			
Extrusion	Nominal Value	Unit	
Melt Temperature	179	°C	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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