

APEX® 302

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX®302 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 302 are:

ROHS certification

Flame Retardant

low hardness

Good flexibility

Typical application areas include:

Wire and cable

military applications

General Information			
Features	Flexibility at low temperatures Hardness, low Flame retardancy		
Uses	Military cable insulation material Shrinkable cord insulation material		
Agency Ratings	MIL I-3930-C		
RoHS Compliance	RoHS compliance		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	74		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.5	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	80.0	°C	ASTM D794
Brittleness Temperature	-46.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	5.8E+11	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863
Additional Information			

温度额定值:80 °C最大伸长保持率,UL 1581,烘箱老化,7天,100°C:100 %拉伸强度保持率,UL 1581,烘箱老化,7天,100°C: 102 %

Extrusion	Nominal Value	Unit
Melt Temperature	174	°C

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Recommended distributors for this material

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