

APEX 716

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 716 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 716 are:

ROHS certification

Heat resistance

APEX® The typical application fields of 716 are: wire and cable

General Information			
Features	Heat resistance, high		
Uses	Wire and cable applications		
	Wire sheath		
	Flexible cord insulation material		
Wire Types	SPT-1		
	SPT-2		
	SPT-3		
Agency Ratings	UL 62		
RoHS Compliance	RoHS compliance		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	18.6	MPa	ASTM D638
Tensile Elongation (Break)	340	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-38.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+12	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863

Additional Information

主要建议温度额定值:105 °C最大伸长保持率,UL 1581,烘箱老化,7天,136°C:77 % 拉伸强度保持率,UL 1581,烘箱老化,7天,136°C: 106 %

Extrusion	Nominal Value	Unit
Melt Temperature	182	°C

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Recommended distributors for this material

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