

Fireguard® 910L16-C1A-NL1

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

Fireguard®910L16-C1A-NL1 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.

Fireguard®The main features of 910L16-C1A-NL1 are:

ROHS certification

Flame Retardant

Typical application areas include:

Wire and cable

Electrical/electronic applications

General Information			
Features	Low smoke		
	Flame retardancy		
Uses	Ceiling compartment cable sheath material		
Wire Types	CL2P		
	CL3P		
	CMP		
	FPLP		
	MPP		
	OFNP		
Agency Ratings	NEC Article 725		
	NEC Article 760		
	NEC Article 770		
	NEC Article 800		
	UL 13		
	UL 1424		
	UL 1651		
	UL 444		
Agency Ratings	UL QMTM2 .E200337		
RoHS Compliance	RoHS compliance		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.62	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method

Durometer Hardness			ASTM D2240
Shaw C	89		ASTM D2240
Shaw C, 10 seconds	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	14.5	MPa	ASTM D638
Tensile Elongation (Break)	270	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	75.0	°C	ASTM D794
Brittleness Temperature	-25.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant			ASTM D150
1 kHz	4.56		ASTM D150
1 MHz	3.58		ASTM D150
Dissipation Factor			ASTM D150
1 kHz	0.065		ASTM D150
1 MHz	0.038		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	51	%	ASTM D2863

Additional Information

Av.Sp. 消光面积:131平方米/千克平均燃烧热:8.8 兆焦/千克平均放热速率:52 千瓦/平方米动态热稳定性, 205°C,100 rpm,72 gms:33Kayeness ACR,370°F,1000 秒-1:315 帕-秒Kayeness ACR,370°F,100 秒-1:1243 帕-秒峰值放热速率:106 千瓦/平方米峰值烟雾量:2.2 1/mTA六位说明编号112-654总放热率:56 兆焦/平方米

Extrusion	Nominal Value	Unit
Melt Temperature	193	°C

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