

Fireguard® 910-LBF

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

Fireguard®910-LBF 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 characteristics of 910-LBF are:

ROHS certification

Flame Retardant

Halogen-free

Typical application areas include:

Wire and cable

Electrical/electronic applications

General Information	
Features	Low smoke
	Bromine-free
	Flame retardancy
Uses	Insulating material
	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
	UL QMTM2 .E200337
RoHS Compliance	RoHS compliance
Appearance	Opacity
Forms	Particle
Processing Method	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.58	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw C	92		ASTM D2240
Shaw C, 10 seconds	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.7	MPa	ASTM D638
Tensile Elongation (Break)	190	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	75.0	°C	ASTM D794
Brittleness Temperature	-5.00	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant			ASTM D150
1 kHz	4.47		ASTM D150
1 MHz	3.49		ASTM D150
Dissipation Factor			ASTM D150
1 kHz	0.072		ASTM D150
1 MHz	0.033		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	43	%	ASTM D2863

Additional Information

Arapaho烟雾,ASTM D4100,未烧焦:2.65 %Arapaho烟雾,ASTM D4100,未烧焦:5.24
 %锥形量热仪,峰值放热率:106千瓦/平方米锥形量热仪,平均放热率:59千瓦/平方米锥形量热仪,总放热率:70 兆焦/平方米锥形量热仪,平均消光面积:348
 平方米/千克锥形量热仪,峰值烟雾率:2 1/米锥形量热仪,点燃时间:25.1秒动态热稳定性(205°),100 RPM,72 gr. 5号碗:37分钟分解Kayeness ACR (370°F):271
 帕-秒TA六位代码: 128-702

Extrusion	Nominal Value	Unit
Melt Temperature	196	°C

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