

Fireguard® 910-NL1

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

Fireguard®910-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 910-NL1 are:

ROHS certification

Flame Retardant

Typical application areas include:

Wire and cable

Electrical/electronic applications

General Information			
Features	Low smoke		
	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		
RoHS Compliance	UL QMTM2 .E200337		
	RoHS compliance		
Appearance	Opacity		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method

Specific Gravity	1.59	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw C	92		ASTM D2240
Shaw C, 10 seconds	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.6	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	75.0	°C	ASTM D794
Brittleness Temperature	-6.00	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	33	kV/mm	ASTM D149
Dielectric Constant			ASTM D150
1 kHz	4.67		ASTM D150
1 MHz	3.62		ASTM D150
Dissipation Factor			ASTM D150
1 kHz	0.080		ASTM D150
1 MHz	0.035		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	45	%	ASTM D2863
Additional Information			
Av.Sp. 消光面积:273 平方米/千克平均值燃烧热:13.8 兆焦/千克平均放热速率:64 千瓦/平方米动态热稳定性, 205°C,100 rpm,72 gms:峰值放热速率:119 千瓦/平方米峰值烟雾量:2.3比重,ASTM D792:1.57 -1.61 sp gr 23/23°C TA六位说明编号:108-124总放热率:78 兆焦/平方米			
Extrusion	Nominal Value	Unit	
Melt Temperature	196	°C	

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