

# Fireguard® 910L16-C13-NL

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

Fireguard®910L16-C13-NL is a flexible polyvinyl chloride material. This product is available in Europe and is processed by extrusion.

Fireguard®The main features of 910L16-C13-NL 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	1.65	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240

Shaw C	91		ASTM D2240
Shaw C, 10 seconds	86		ASTM D2240
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength (Break)	15.9	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Continuous Use Temperature	75.0	°C	ASTM D794
Brittleness Temperature	-9.00	°C	ASTM D746
<b>Electrical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Dielectric Constant			ASTM D150
1 kHz	4.51		ASTM D150
1 MHz	3.74		ASTM D150
Dissipation Factor			ASTM D150
1 kHz	0.056		ASTM D150
1 MHz	0.039		ASTM D150
<b>Flammability</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Oxygen Index	51	%	ASTM D2863
<b>Fill Analysis</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Melt Viscosity (177°C, 1000 sec <sup>-1</sup> )	473	Pa·s	ASTM D3835
<b>Additional Information</b>			
Av.Sp. 消光面积:95平方米/千克平均燃烧热:10.19 兆焦/千克平均放热速率:50 千瓦/平方米动态热稳定性, 205°C,100 rpm,72 gms:20Kayeness ACR,370°F,1000 秒-1:424 帕·秒峰值放热速率:69 千瓦/平方米峰值烟雾量:0.62 1/mTA六位说明编号116-452总放热率:63 兆焦/平方米			
<b>Extrusion</b>	<b>Nominal Value</b>	<b>Unit</b>	
Melt Temperature	193	°C	

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#### Recommended distributors for this material

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