

Fireguard® 910-FOB-NL1

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

Fireguard®910-FOB-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.

Fireguard®Typical application areas of 910-FOB-NL1 are: wire and cable

General Information			
Uses	Wire and cable applications		
	Ceiling compartment cable sheath material		
Agency Ratings	UL QMTM2 .E200337		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.60	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.2	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	-8.00	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	30	kV/mm	ASTM D149
Dielectric Constant			ASTM D150
1 kHz	4.65		ASTM D150
1 MHz	3.59		ASTM D150
Dissipation Factor			ASTM D150
1 kHz	0.083		ASTM D150
1 MHz	0.035		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	42	%	ASTM D2863
Additional Information			

Dynamic Heat Stability @ 205C, 100 RPM, 72 gr.#5 Bowl (Min.s to decomposition) = 57Kayeness ACR @350F, 1000 sec -1 (Pa-sec) = 290Cone Calorimeter @ 75 kW/m2Peak Heat Release Rate (kw/m2) = 111Avg. Heat Release Rate (kw/m2) = 60Total Heat Released (MJ/m2) = 77Avg. Heat of Combustion (MJ/kg) = 13.5Avg. Specification Extinction Area (m2/kg) = 325Peak Smoke (i/m) = 2.3

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Recommended distributors for this material

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