



Kemgard™

Flame Retardant · Smoke Suppressant

Kemgard 911C Outperforms AOM in Two Foot Tunnel Test Two Plasticizer Systems

Application Bulletin #2080

Flexible PVC

	System 1		System 2	
	KG 911C	AOM	KG911C	AOM
Two Foot Tunnel				
Flame Spread (inches)	7.5	8	7.5	7.8
Peak Optical Density	26.8	30.5	39.9	60.6
Cumulative Smoke	936	1323	1083	1929
NBS Smoke (ASTM E662) Flaming Mode				
D90	33	69	51	65
D 4.0	133	195	166	199
Dmax	257	249	287	277
Oxygen Index (ASTM D2863)	47	50	46	47

System 1: 20 phr Santicizer 2148, 20 phr Unitex FRP45

System 2: 20 phr Unitex FRP 45, 20 phr BASF 711P phthalate

Common Ingredients

Oxyvinyl 240

Halstab H-695 – 7 phr

Antimony Oxide - 3 phr

Calcium Carbonate - 10 phr

ATH - 30 phr

Smoke Suppressant – 20 phr



SHERWIN-WILLIAMS CHEMICALS

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