



Kemgard™

Flame Retardant · Smoke Suppressant

**Kemgard 911C Lowers Smoke and Improves LOI
Outperforms AOM at Various Loadings
Wire & Cable Formula**

Application Bulletin #2060

Flexible PVC

Smoke Suppressant	Control	KG 911C			AOM		
Loading		10 phr	20 phr	30 phr	10 phr	20 phr	30 phr
NBS Smoke (ASTM E662)							
Flaming Mode							
D90 (ave)	41	25	16	20	45	40	39
D4.0 (ave)	247	146	110	109	190	147	164
Dmax (ave)	530	321	255	218	317	244	240
LOI	33	37	40	41	38	41	43

Common Ingredients

Oxyvinyl 240

Halstab H-695 - 7 phr

Santicizer 2148 - 35 phr

Antimony Oxide - 3 phr

ATH - 30 phr

Calcium Carbonate – Varied*

** Control contained 30 phr CaCO₃. To maintain constant filler content, the CaCO₃ level was reduced to offset addition of smoke suppressants.*



SHERWIN-WILLIAMS CHEMICALS

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