



Kemgard™

Flame Retardant · Smoke Suppressant

**Kemgard Products Lower Smoke and Improve LOI
In Wire and Cable Formula containing Elvaloy HP441
Application Bulletin #2050**

Flexible PVC

Smoke Suppressant	Control	AOM	Kemgard 911C	Kemgard 911A
NBS Smoke (ASTM E662)				
Flaming Mode				
<i>D90 (ave)</i>	25 +/-2	32 +/-1	20 +/-3	26 +/-1
<i>D4.0 (ave)</i>	219 +/-5	172 +/-9	147 +/-9	162 +/-5
<i>Dmax (ave)</i>	321 +/-8	251 +/-21	266 +/-12	318 +/-3
LOI	53	53	55+	55

Common Ingredients

Oxyvinyl 240

Halstab H-695 – 7 phr

FRP-45 - 30 phr

Santicizer 2148 - 10 phr

Elvaloy HP 441 - 20 phr

Antimony Oxide - 2 phr

Mg(OH)2 - 10 phr

ATH 9402 - 50 phr*

Smoke Suppressant – 20 phr

* Control contained 70 phr ATH to maintain constant filler content



SHERWIN-WILLIAMS CHEMICALS

Technical Service: 601 Canal Road, Cleveland, OH 44113 USA; Ph#: (216) 566-2944, Fax#: (216) 566-3837
Customer Service: Post Office Box 1028, Coffeyville, KS 67337 USA; Ph#: (620) 251-0072, Fax#: (620) 251-7276

www.kemgard.com