



Kemgard™

Flame Retardant · Smoke Suppressant

Dynamic Stability Comparisons In Wire and Cable Formula

Application Bulletin #2030

Flexible PVC

Common Ingredients			
Geon 30 PVC	100		
Stearic Acid	1		
ATH (untreated)	60		
Solutia 2148	20		
Unitex FRP45	20		
Variables:			
Smoke Suppressant			
AOM		20	
<i>KEMGARD 911C</i>	20		20
Stabilizer			
Halstab 695	7	7	
CG 93			7
<i>Brabender Mixing Data*</i>			
Process Speed (rpm)	100	100	100
Process Temp. C°	205	205	205
Decomposition Time C°	12:52 +/- 1:00	12:39 +/- 0:19	14:27 +/- 0:35

Halstab 695: Tribasic lead sulfate/Dibasic Lead Phthalate/Barium Stearate

Chemical Group 93: Tetrabasic Lead Fumarate/Barium Stearate



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