



Kemgard™

Flame Retardant · Smoke Suppressant

**Kemgard 981 Replaces Antimony Oxide
And Increases CTI in Glass Filled FR Nylon 6/6**

Application Bulletin #2120

Nylon 6/6

FORMULATION	1	2
Common Ingredients		
Nylon 6/6	49%	48%
Glass	25%	25%
Dechlorane Plus(Oxy Chem)	18%	18%
Variables:		
Antimony Trioxide	8%	0%
<i>KEMGARD 981</i>	0%	9%
CTI (K°)Volts	225	325
UL 94 (1.6mm&3.2mm)	VO	VO

Data provided by OxyChem

KEMGARD 991 **Benefits**

- Reduces Isothermal weight loss**
- Allows for Higher Molding Temperature**
- Reduces Mold Corrosion**
- Provides increase in Processing Temperature**
- Improves CTI in excess of 40%**



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