



# Kemgard<sup>®</sup> 501

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## Typical Physical Properties

Composition:	Calcium Molybdate Complex
Appearance:	white powder
Specific Gravity	2.9
Oil Absortion (g/100g)	15.1
Median Particle Size (um)	3.7
pH	8.9
Solubility (g/100mL)	0.001
Moisture (%)	0.15
Residue on 325 Mesh Screen, % max.	0.01
Specific Resistance (ohm)	8,600

## Applications

*Kemgard*<sup>®</sup> 501 is used for flame retardancy and smoke suppression in plastics compounds, including wire and cable jacketing, rigid sheet, calendered film, wallpaper, adhesives and epoxy compounds.

*Kemgard*<sup>®</sup> 501 is highly recommended for the following polymers:

- PVC
- Nylon
- Epoxy
- Polyolefins

## Key Benefits:

- Highly Efficient and Economical
- Promotes Char Formation
- Compatible in both Halogenated and Non-Halogenated Systems
- Helps meet Common Fire/Smoke Test including ASTM E84, E662, D3843, D2863, UL94, UL910 and NFPA 263