

# Kemgard<sup>®</sup> 1100

## Typical Physical Properties

Composition:	zinc molybdate/magnesium silicate complex
Appearance:	white powder
Specific Gravity	2.8
Median Particle Size (um)	2.6
pH	6.5
Solubility (g/100mL)	0.030
Moisture (%)	0.40
Residue on 325 Mesh Screen, %	0.20

## Applications

Kemgard<sup>®</sup> 1100 is used for flame retardancy and smoke suppression in plastic compounds, including wire and cable jacketing, rigid sheet, calendared film, wallpaper, adhesives and epoxy compounds.

Kemgard<sup>®</sup> 1100 is highly recommended for the following polymers:

- PVC
- Nylon
- Epoxy

## 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