

# Kemgard<sup>®</sup> 981

## Typical Physical Properties

Composition:	Basic zinc phosphate complex
Appearance:	white powder
Specific Gravity	4.2
Surface Area (m <sup>2</sup> /g)	2
Median Particle Size (um)	4.4
pH	6.5
Solubility (g/100mL)	0.001
Moisture (%)	0.20
Residue on 325 Mesh Screen, %	0.02

## Applications

Kemgard<sup>®</sup> 981 is used for flame retardancy and smoke suppression in plastics compounds, including wire and cable jacketing, nylon connectors, calendered film, wallpaper and adhesives.

Kemgard<sup>®</sup> 981 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