

Kemgard[®] 911C

Typical Physical Properties

Composition:	zinc molybdate/magnesium silicate complex
Appearance:	white powder
Specific Gravity	2.8
Surface Area (m ² /g)	17
Median Particle Size (um)	3.3
pH	6.5
Solubility (g/100mL)	0.030
Moisture (%)	0.40
Residue on 325 Mesh Screen, %	0.20

Applications

Kemgard[®] 911C 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[®] 911C 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