

ITOFLAM CZH2 is a fine particle ammonium polyphosphate flame retardant suitable for various end uses.

## PROPERTIES

- **Appearance** : White Powder
- **Solubility** : Largely insoluble in water, Completely insoluble in organic solvents
- **Phosphorus (w/w)** : >31%
- **Nitrogen (w/w)** : >14%
- **PH (10% suspension)** : 5.5 – 7.0
- **Water Content (w/w)** : <0.25%
- **Thermal Decomposition** : >275°C
- **Density (25°C)** : 1.9 kg/l
- **Apparent density (25°C)** : 0.7 kg/l
- **Viscosity (25°C)** : <100 mPa.s (10% suspension)
- **Water solubility (g/100cm<sup>3</sup>)** : <0.5
- **Average particle size** : <15 microns

## CHARACTERISTICS

1. Non Hygroscopic
2. Can be used in intumescent coatings, adhesives, and sealants as well as polyurethane foam: PU rigid and flexible applications
3. Can be used in cellulosic containing materials such as paper and wood
4. Can be used in thermoplastics (PP), epoxy and unsaturated PE resins.

**MAGNACOLOURS**<sup>®</sup>  
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