Magnesium nano powder dispersion has a very high melting point and low heat capacity, which makes it a suitable candidate for insulation applications. Because of its low weight and ability to form mechanically resistant alloys, it is widely used as a structural metal in the building industry and is essential in airplane and missile construction.

Quick Facts

- **Purity**: 99.9%
- **APS**: 80nm
- **Concentration**: Customer requirement
- **Dispersing Agent**: Organic Solvent (DMF), IPA, Ethanol, Water (ddH2O)
- **Form**: Slurry, Suspension, Dispersion, Colloidal

Properties

- Corrosion protection
- Extremely good thermal absorption
- High surface area
- Anti bacterial resistance
- Thermal stability

Applications

- Agricultural product
- Superconductor product
- Reflecting and anti reflecting coating
- Catalyst supports
- Industrial coating
- Heat and corrosion coating