Aluminium Nano Dispersion (Al) nanoparticles water dispersion with phase stability, high hardness, and good dimensional stability, it can be widely used in plastics, rubber, ceramics, refractory products. In particular, it can significantly improve ceramics density, smoothness, thermal fatigue resistance, fracture toughness, creep resistance and polymer products wear resistance.

**Applications**
- Military industry
- Paint & pigments industry
- Thermal spray
- Rockets & missiles
- Aerospace device
- Resistance to irradiation damage

**Properties**
- Anti corrosion
- Excellent conductivity
- anti-biotic, anti-microbial, and anti-fungal agent
- high conductivity
- ductility, malleability
- thermal dissipation activity

**Quick Facts**
- Purity: 99.99%
- APS: 80nm
- Concentration: Customer requirement
- Dispersing Agent: Organic Solvent (DMF), IPA, Ethanol, Water (ddH2O)
- Form: Slurry, Suspension, Dispersion, Colloidal