Aluminium Nano Dispersion (Al) nanoparticles water dispersion is a promising material of far infrared emission, as the far-infrared emission and thermal insulation materials are used in chemical fiber products and high-pressure sodium lamp.

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: 50-80nm
- Concentration: Customer requirement
- Dispersing Agent: Organic Solvent (DMF), IPA, Ethanol, Water (ddH2O)
- Form: Slurry, Suspension, Dispersion, Colloidal