Aluminium Nano Dispersion (Al) are widely used for preparative column chromatographic separations, isolation and purifications for both in laboratory and industrial production. Al₂O₃ nanoparticles water dispersion with phase stability, high hardness, and good dimensional stability, it can be widely used in plastics, rubber, ceramics, refractory products.

- Heat transfer fluids
- Nanocomposites
- Transparent conductive coating
- Transparent optical coating
- Pharmaceutical and food industries
- Paint & pigments industry
- Thermal spray
- Rockets & missiles

Properties
- Self-cleaning, anti-icing, and waterproofing
- Resistance to corrosion
- Low tensile strength
- Light in weight
- Good mechanical and optical properties

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