Boron Nanoparticle Dispersion

Boron Nanoparticle Dispersion is used for high-voltage, high frequency electricity, plasma arc's insulators, high-frequency induction furnace materials, semi-conducting solid phase admixtures, atom reactor's structure materials, automatic welding high-temperature coating, preventing neutron radiation's packing materials, radar antenna's mediums, radar's pass box, and rocket engine's components.

Properties
- Unique electronic
- Excellent thermal stability
- Excellent Photoelectric
- Large active surface area
- Anticorrosive

Quick Facts
- Purity: 99.9%
- APS: 80-100nm
- Concentration: Customer requirement
- Dispersing Agent: Organic Solvent (DMF), IPA, Ethanol, Water (ddH2O)
- Form: Slurry, Suspension, Dispersion, Colloidal

Applications
- Propellants and fuels
- Electrolytic condensation, tanning
- Photography and fuel cells
- High-energy-density fuel
- Protection against corrosion
- Semiconductors and electronic devices, etc.