

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 (ddH ₂ O)
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.

Boron Nano DISPERSION

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Dispersion



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f @ t in | www.nanoshel.com | sales@nanoshel.com

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911

ISO 9001:2015
CERTIFIED COMPANY



20ZICE4589C



19ZAZGO1274G



20ZICE4588M