



# Alumina Slurry Polishing

**Alumina Slurry** 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.

## Quick Facts

Purity	: 99.9 %
APS	: 50-80nm
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH2O)
Form	: Slurry, Suspension, Dispersion, Colloidal

## Properties

- ✓ Good electrical insulation
- ✓ High mechanical strength
- ✓ Excellent wear resistance
- ✓ Excellent corrosion resistance
- ✓ Low dielectric constant

## Applications

- ✓ High temperature electrical insulators
- ✓ High voltage insulators
- ✓ Furnace liner tubes
- ✓ Thread and wire guides
- ✓ Electronic substrates
- ✓ Ballistic armor
- ✓ High temperature labware



Designed by : NANOSHEL LLC



ISO 9001:2015  
CERTIFIED COMPANY

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