



Ultra-Sol 200A Colloidal Alumina

Ultra-Sol 200A Colloidal Alumina: A colloidal originally designed to provide bright low scatter finishes on IR and UV materials. However, over the years the application in which this product is used is expanding rapidly. See list below

TECHICAL BULLETIN

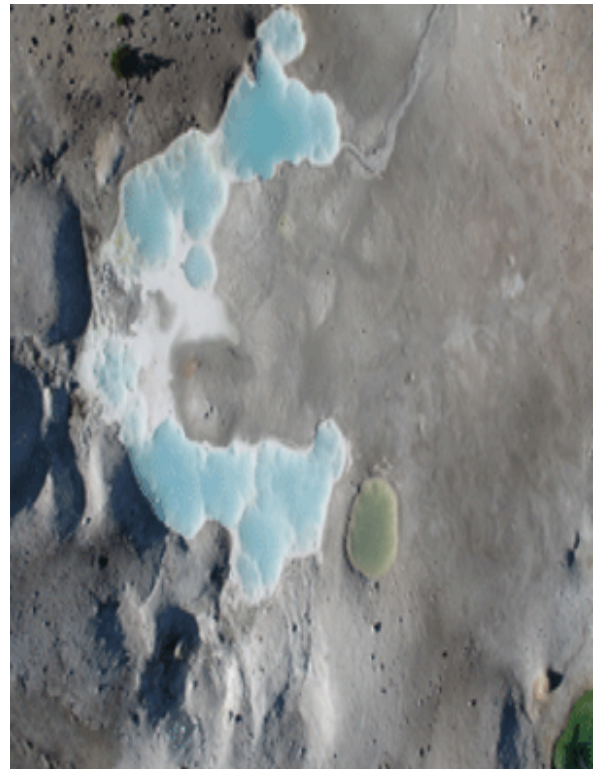
Properties:

pH: 3.5-4.0
% Solids: 20%
Particle size: 100 nm
Viscosity: Thixotropic

Ultra-Sol 200A Colloidal Alumina: As an acidic dispersion, Ultra-Sol 200A's chemical/mechanical action provides superior surfaces on germanium, silicon, gallium arsenide, zinc sulfide, zinc selenide, fluorides, sapphire, ferrite's, and silicon carbide.

Low scatter finishes can be obtained on pure metals such as Nickel, Tungsten, Copper, Beryllium and also in Steel and Aluminum.

Depending upon the process being used and the Part being polished Ultra-Sol 200A can be used Full strength or diluted. Dilution of up to 1:1 with filtered de-ionized water. Most commonly used laps and pads are compatible with Ultra-Sol 200A



Application

- *Used to provide bright low-scatter finishes on IR and UV materials*
- *Also used for polishing Germanium, Silicon, Gallium Arsenide, Zinc Sulfide, Zinc Selenide, Fluorides, Sapphire, Ferrites Silicon Carbide, Nickel, Tungsten, Copper, Beryllium, Steel and Aluminum*
- *Successful use for polishing Epoxy Resin materials and plastics*

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