



ENGINEERED PARTICLES / CALCINED ALUMINA

# Alumina Sub-micron Polishing Particles

Saint-Gobain's 7955 and 7956 Sub-micron Polishing Slurries are calcined aluminum oxide particles (99%+ purity) suspended in aqueous solution, designed for use in electronics and industrial slurry applications. They are offered with minimal additives and are intended as the particle additive to your polishing slurry formulations.

## PRODUCT SPECIFICATION

Product	D <sub>0.1%</sub>	D <sub>50%</sub>	pH	% Solids
7955.25	1.00 max.	0.22-0.27	3.5-4.5	20%
7955.35	1.20 max.	0.33-0.35	3.5-4.5	22%
7955.40	1.60 max.	0.38-0.47	3.5-4.5	30%
7955.50	1.9 max.	0.47-0.52	3.5-4.5	22%
7955.65	N/A	0.63-0.67	3.5-4.5	30%
7955.80	N/A	0.78-0.82	3.5-4.5	30%

Sizing by Horiba LA-920

## TYPICAL CHEMICAL CHARACTERISTICS

Al <sub>2</sub> O <sub>3</sub>	NaO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>3</sub>	CaO	MgO	TiO <sub>2</sub>
99.8	0.10	0.02	0.03	<0.01	<0.01	<0.01

## AVAILABILITY

Saint-Gobain offers a wide selection of particle distributions, solids concentration, pH regime and purities to meet the needs of your particular application, or a custom-engineered product can be made if required. Packaging is in 1 gallon, 5 gallon, 30 gallon, or 50 gallon plastic containers. Larger packaging available upon request.

### Saint-Gobain Surface Conditioning

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ISO  
CERTIFIED  
9001: 2015 and  
14001: 2015

[surfaceconditioning.saint-gobain.com](http://surfaceconditioning.saint-gobain.com)

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## APPLICATIONS

- Polishing Abrasive
  - Electronics (Rigid Disk)
  - Metals, Composites
- Media Filler
  - Video Tapes
  - Audio Tapes
  - Data Storage Devices
  - Ink Jet Media

**SURFACE CONDITIONING**

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