



Ultra Sol Alumina Suspensions

Ultra Sol alumina Suspensions: Are aqueous polishing compound of high purity calcined alumina suspension ready to use. They are successfully used to lap and polish a wide range of metallurgical samples and optical elements

TECHICAL BULLETIN

Properties

Product Name	Ultra-Sol M5PS	Ultra-Sol M15PS	Ultra-Sol M30PS	Ultra-Sol M100PS	Ultra-Sol R5PS	Ultra-Sol R15PS	Ultra-Sol R30PS	Ultra-Sol R100PS
Product Code	M5PS	M15PS	M30PS	M100PS	R5PS	R15PS	R30PS	R100PS
Quality class	Agglomerate free	Agglomerate free	Agglomerate free	Agglomerate free	Standard	Standard	Standard	Standard
Particle Size In μ	1.0	0.3	0.1	0.05	1.0	0.3	0.1	0.05
Average Agglomerate Size	< 1	< 1	< 1	< 1	< 20	< 15	< 10	< 5
% Solids	15%	15%	15%	10%	15%	15%	15%	10%
pH	8.0-8.5	8.0-8.5	8.0-8.5	8.0-9.0	8.0-8.5	8.0-8.5	8.0-8.5	8.0-9.0

Application

- *Used to lap and polish a wide range of metallurgical samples and optical elements*
- *Materials that are successfully polished include Germanium, Silicon, Nickel, Aluminum, Ferrites, Quartz Silica, GGG, BBO, YAG, Lithium, Niobate, Alexandrite, CaF₂, MgF₂, III-V and II-VI materials, Plastics, Epoxies, etc.*
- *Ultra-Sol Aluminum suspensions are practically useful in metallurgical university labs and small labs where convenience and cleanliness are important*

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