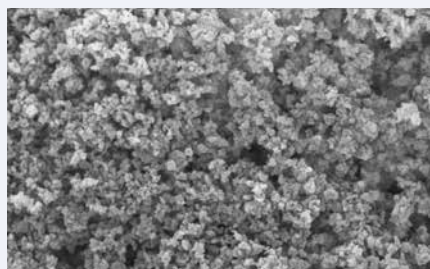




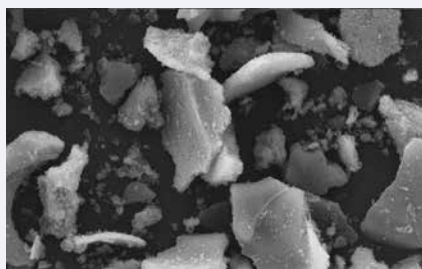
- Easily application and distribution
- Ultrafine surface
- Excellent stability



Struers AP Suspensions and Powders are based on ultra pure aluminium oxides (alumina). They are available in two forms, deagglomerated and agglomerated.



Deagglomerated



Agglomerated

Deagglomerated

AP-D, deagglomerated aluminas are premium polishing abrasive and are agglomerate-free. The uniform crystals ensure an ultrafine surface.

Agglomerated

AP-A, agglomerated aluminas are easily broken down during the polishing process while still providing faster initial stock removal.

Alumina powders

Alumina powders consist of uniform particles with a narrow particle size distribution. The powders can easily be mixed with distilled water.

Alumina Suspensions

Struers' AP Suspensions have a high abrasive concentration. The suspensions can be used directly in the high concentration form or diluted with 3-5 parts of distilled water. Even in the diluted form the suspensions are stable. They are therefore easily applied and distributed on the cloth during polishing. Further, manual and automatic dosing equipment can be employed.

Applications Areas

AP Suspension and Powder can be used for a wide range of materials:

- Semiconductors
- Steel
- Aluminium
- Copper and Copper alloys
- Coatings
- Nickel-base alloys
- Cobalt-base alloys
- Plastic

Specifications	Grain size	Contents	Cat.no
AP-D Suspension	1 µm	500 ml	40700034
	0.3 µm	500 ml	40700035
	0.1 µm	500 ml	40700036
AP-A Suspension	5 µm	500 ml	40700042
	1 µm	500 ml	40700043
	0.3 µm	500 ml	40700044
	0.1 µm	500 ml	40700045
	0.05 µm	500 ml	40700046
AP-D Powder	1 µm	1 kg	40700038
	0.3 µm	1 kg	40700039
	0.1 µm	1 kg	40700040
	0.05 µm	1 kg	40700041
AP-A Powder	5 µm	1 kg	40700047
	1 µm	1 kg	40700048
	0.3 µm	1 kg	40700049

AP Suspensions and Powders can be used on a variety of polishing cloths

Polishing Cloths	OP-Nat	MD/DP-Floc	MD/DP-Nap
Grain size	≥ 9 µm	≥ 3 µm	≥ 1 µm

Buy your consumables in Struers e-Shop! e-shop.struers.com

Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.

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