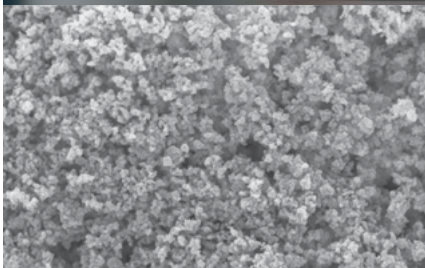
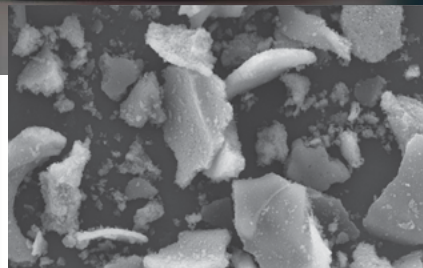


AP Suspension and Powder



Deagglomerated



Agglomerated

AP Suspensions and Powders are recommended for polishing of a broad range of materials. The abrasive particles have a uniform shape and size with a narrow particle size distribution

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

- Easily applied and distributed on the cloth during polishing
- Abrasive particles of uniform shape and size
- The Alumina Oxide Suspensions have an excellent stability

Deagglomerated

AP-D, deagglomerated aluminas are premium polishing abrasive and are agglomerate-free.

The uniform crystals ensure an ultra-fine surface. AP-D Suspension is available in the grain sizes 1 µm alpha, 0.3 µm alpha, 0.1 µm alpha and 0.05 µm gamma.

Agglomerated

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

able in the grain sizes 5 µm alpha, 1 µm alpha, 0.3 µm alpha, 0.1 µm alpha and 0.05 µm gamma.

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

AP Suspension and Powder are recommended for use in combination with our LaboPol-6. LaboPol-6 is part of our LaboPol series of machines with a 200 mm disc diameter. The speed range goes from 100 to 1200 rpm, which makes the LaboPol-6 especially suited for manual preparation with alumina products.

AP-D Suspension

Grain size	Contents	Cat. no
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

Polishing cloth, 200 mm dia. Package of 5 pcs.

	Cat.no.
OP-Nat, adhesive backed	40500304
MD-Floc, metal backed	40500403
DP-Floc, adhesive backed	40500228
MD-Nap, metal backed	40500080
DP-Nap, adhesive backed	40500232

Polishing cloth, 250 mm dia. Package of 5 pcs.

OP-Nat, adhesive backed	40500305
MD-Floc, metal backed	40500404
DP-Floc, adhesive backed	40500229
MD-Nap, metal backed	40500081
DP-Nap, adhesive backed	40500233

Polishing cloth, 300 mm dia. Package of 5 pcs.

OP-Nat, adhesive backed	40500306
MD-Floc, metal backed	40500405
DP-Floc, adhesive backed	40500230
MD-Nap, metal backed	40500082
DP-Nap, adhesive backed	40500234

Polishing cloth, 350 mm dia. Package of 5 pcs.

MD-Nap, metal backed	40500153
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Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.



Struers A/S
Pederstrupvej 84
DK-2750 Ballerup, Denmark
Phone +45 44 600 800
Fax +45 44 600 801
struers@struers.dk
www.struers.com

AUSTRALIA & NEW ZEALAND

Struers Australia
27 Mayneview Street
Milton QLD 4064
Australia
Phone +61 7 3512 9600
Fax +61 7 3369 8200
info.au@struers.dk

BELGIQUE (Wallonie)

Struers S.A.S.
370, rue du Marché Rollay
F- 94507 Champigny
sur Marne Cedex
Téléphone +33 1 5509 1430
Télécopie +33 1 5509 1449
struers@struers.fr

BELGIUM (Flanders)

Struers GmbH Nederland
Elektraweg 5
3144 CB Maassluis
Telefoon +31 (10) 599 7209
Fax +31 (10) 5997201
netherlands@struers.de

CANADA

Struers Ltd.
7275 West Credit Avenue
Mississauga, Ontario L5N 5M9
Phone +1 905-814-8855
Fax +1 905-814-1440
info@struers.com

CHINA

Struers Ltd.
No. 1696 Zhang Heng Road
Zhang Jiang Hi-Tech Park
Shanghai 201203, P.R. China
Phone +86 (21) 6035 3900
Fax +86 (21) 6035 3999
struers@struers.cn

CZECH REPUBLIC

Struers GmbH
Organizační složka
Havlíčkova 361
CZ-252 63 Roztoky u Prahy
Phone +420 233 312 625
Fax +420 233 312 640
czechrepublic@struers.de

DEUTSCHLAND

Struers GmbH
Carl-Friedrich-Benz-Straße 5
D-47877 Willich
Telefon +49 (0) 2154 486-0
Fax +49 (0) 2154 486-222
verkauf@struers.de

FRANCE

Struers S.A.S.
370, rue du Marché Rollay
F-94507 Champigny
sur Marne Cedex
Téléphone +33 1 5509 1430
Télécopie +33 1 5509 1449
struers@struers.fr

HUNGARY

Struers GmbH
Magyarországi Fióktelep
Tatai ut 53
2821 Gyermely
Phone +36 (34) 880546
Fax +36 (34) 880547
hungary@struers.de

IRELAND

Struers Ltd.
Unit 11 Evolution@ AMP
Whittle Way, Catcliffe
Rotherham S60 5BL
Tel. +44 0845 604 6664
Fax +44 0845 604 6651
info@struers.co.uk

ITALY

Struers Italia
Via Monte Grappa 80/4
20020 Arese (MI)
Tel. +39-02/38236281
Fax +39-02/38236274
struers.it@struers.it

JAPAN

Marumoto Struers K.K.
Takara 3rd Building
18-6, Higashi Ueno 1-chome
Taïto-ku, Tokyo 110-0015
Phone +81 3 5688 2914
Fax +81 3 5688 2927
struers@struers.co.jp

NETHERLANDS

Struers GmbH Nederland
Elektraweg 5
3144 CB Maassluis
Telefoon +31 (10) 599 7209
Fax +31 (10) 5997201
netherlands@struers.de

NORWAY

Struers A/S, Norge
Sjøslogenveien 44C
1407 Vinterbro
Telefon +47 970 94 285
info@struers.no

ÖSTERREICH

Struers GmbH
Zweigniederlassung Österreich
Betriebsgebiet Puch Nord 8
5412 Puch
Telefon +43 6245 70567
Fax +43 6245 70567-78
austria@struers.de

POLAND

Struers Sp. z o.o.
Oddział w Polsce
ul. Jasnogórska 44
31-358 Kraków
Phone +48 12 661 20 60
Fax +48 12 626 01 46
poland@struers.de

ROMANIA

Struers GmbH
Sucursala Sibiu
Str.Scoala de Inot, nr. 18
RO-550005 Sibiu
Phone +40 269 244 558
Fax +40 269 244 559
romania@struers.de

SCHWEIZ

Struers GmbH
Zweigniederlassung Schweiz
Weissenbrunnstraße 41
CH-8903 Birmensdorf
Telefon +41 44 777 63 07
Fax +41 44 777 63 09
switzerland@struers.de

SINGAPORE

Struers Singapore
627A Aljunied Road,
#07-08 BizTech Centre
Singapore 389842
Phone +65 6299 2268
Fax +65 6299 2661
struers.sg@struers.dk

SPAIN

Struers A/S, Spain
Camino Cerro de los Gamos 1
Building 1 - Pozuelo de Alarcón
CP 28224 Madrid
Teléfono +34 917 901 204
Fax +34 917 901 112
struers.es@struers.es

SUOMI

Struers Suomi
Kalevankatu 43
00180 Helsinki
Puhelin +358 (0)207 919 430
Faksi +358 (0)207 919 431
finland@struers.fi

SWEDEN

Struers Sverige
Ekbacksvägen 22
168 69 Bromma
Telefon +46 (0)8 447 53 90
Telefax +46 (0)8 447 53 99
info@struers.se

UNITED KINGDOM

Struers Ltd.
Unit 11 Evolution @ AMP
Whittle Way, Catcliffe
Rotherham S60 5BL
Tel. +44 0845 604 6664
Fax +44 0845 604 6651
info@struers.co.uk

USA

Struers Inc.
24766 Detroit Road
Westlake, OH 44145-1598
Phone +1 440 871 0071
Fax +1 440 871 8188
info@struers.com