



White Cerium Oxide Glass Polishing Powder Range

Regipol™ RPWF25

- Specifically designed for use at the glass preparation stage prior to the silver nitrate application in mirror production or the coating application in specialist architectural glass applications

Regipol™ RPWF35

- The economical edging & bevelling option – designed for use in bulk edging and bevelling applications

Regipol™ RPWF55

- Premium bevelling and edging grade, can also be used in intricate shape bevelling applications where stock removal, high quality finish and extended lifetime are required

Regipol™ RPWP90

- High performance precision optical grade, where stock removal, high quality finish and extended lifetime are required
- For use in applications with high yield and low rejection requirements, can be used with all types of polishing pads and wheels and at high speeds

Regipol™ RPWP100

- Highest performance product in the white cerium oxide range, designed for use in precision optical lens polishing and applications with strict tolerances on surface roughness
- Special formulation also makes product versatile for use as the rare earth element in cerium impregnated wheels and polishing pads

These products are supplied in accordance with a Quality Assurance system which meets the standards of ISO9001.

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White Cerium Oxide Glass Polishing Powder Range

Standard Packaging Options

- 20kg or 25kg nett weight polythene lined plastic pails
- 20kg or 25kg nett weight polythene lined cardboard boxes
- **Material packed on heat treated pallets, 600kgs per maximum pallet quantity**

- 10kg – 25kg polythene bags inside 200kg – 250kg large steel drums
- **Material packed on heat treated pallets, up to 1,000kgs per maximum pallet quantity**

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White Glass Polishing Powder for Mirror & coated glass

The surface of glass to be silvered or coated needs to be chemically clean. AMG Polishing’s RPWF25 has been specially designed for this application.

This polish remove dirt, grease, and interleaving particles by lightly polishing the glass surface. This ensures that the coatings successfully adhere to the glass, giving a long lasting and high quality finish.

Regipol RPWF25 has been specially developed with carefully controlled particle size characteristics and a dispersed suspension system for easy clean-ability , it is also designed to stay in suspension longer.

Regipol RPWF25 also has the versatility of working in V channel delivery systems as well. This grade may also be of benefit where agitation in the mixing tank is not too strong.

TYPICAL ANALYSIS		Benefits
TREO	25% min	<ul style="list-style-type: none"> Increases quality of coatings Easily removed from glass Well suspended and delivered Easily prepared Environmentally friendly High levels of consistency
Bulk Density	1.1g/cc	
APS (by Sedigraph)	2.1μ (±0.4μ)	
pH	6.5 - 8	
Colour	White	

Usage advice: Regipol™ RPWF25 has been developed to give optimum performance at the washing stage prior to the mirror/coating application

Packaging: Polythene lined plastic pails or cardboard boxes 25kg nett (large steel drums also available, ask for details).

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White General Glass Polishing Powder

Regipol™ RPWF35 is a white cerium oxide based polish which is capable of operating with all types of polishing pads and speeds, without affecting surface quality. The special economical formulation of the product offers a cost-effective alternative for all edging and bevelling applications.

The product also has excellent suspension characteristics and non-stick properties which make it easier to clean from the glass surface and machinery after use.

TYPICAL ANALYSIS		Benefits
TREO	35% min	
Bulk Density	1.1g/cc	
APS (by Sedigraph)	2.1µ (±0.4µ)	
pH	6.5 - 8	
Colour	White	

- Fast Polishing
- Economical formulation
- Bright finish
- Well suspended and delivered
- Superior suspension characteristics
- Cleans easily from the glass

Usage advice: Regipol™ RPWF35 has been designed for use in edge and bevel polishing in well mixed systems at a concentration of 20 – 30 g/l (2-3 Baume)

Packaging: Polythene lined plastic pails or cardboard boxes 25kg nett (large steel drums also available, ask for details).

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White Premium General Polishing Powder

Regipol™ RPWF55 is our premium white cerium oxide based polish which is capable of operating with all types of polishing pads and speeds, without affecting surface quality. The special economical formulation of the product offers a cost-effective alternative to all edging and bevelling applications.

The product also has excellent suspension characteristics and non-stick properties which make it easier to clean from the glass surface and machinery after use.

TYPICAL ANALYSIS		Benefits
TREO	55% min	
Bulk Density	1.1g/cc	
APS (by Sedigraph)	2.1µ (±0.4µ)	
pH	6.5 - 8	
Colour	White	

- Increased polishing speed capabilities
- Economical formulation
- Bright finish
- Well suspended and delivered
- Versatile with all pad and wheel types
- Cleans easily from the glass

Usage advice: Regipol™ RPWF55 has been designed for use in wide and shape bevel polishing in well mixed systems at a concentration of 20 – 30 g/l (2-3 Baume)

Packaging: Polythene lined plastic pails or cardboard boxes 25kg nett (large steel drums also available, ask for details).

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White High End General & Precision Optical Polishing Powder

Regipol™ RPWP90 is a white cerium oxide based polish designed in applications where high yields, high stock removal and high quality finish are paramount.

Regipol™ RPWP90 is capable of operating with all types of polishing pads and wheels and at high polishing speeds, without affecting surface quality. The special formulation of this product ensures a very bright finish to all polished surfaces.

The product also has excellent suspension characteristics and non-stick properties which make it easier to clean from the glass surface and machinery after use.

TYPICAL ANALYSIS		Benefits
TREO	90% min	
Bulk Density	1.1g/cc	
APS (by Sedigraph)	2.1µ (±0.4µ)	
pH	6.5 - 8	
Colour	White	

Benefits

- Increased stock removal capabilities
- Bright finish
- Longer lifetime
- Versatile with all pad and wheel types
- Cleans easily from the glass

Usage advice: Regipol™ RPWP90 has been designed for precision optical lens and high end general polishing in well mixed systems at a concentration of 20 – 30 g/l (2-3 Baume)

Packaging: Polythene lined plastic pails or cardboard boxes 25kg nett (large steel drums also available, ask for details).

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White Precision Optical Polishing Powder

Regipol™ RPWP100 is our ultimate white cerium oxide based polish designed for applications where high piece yield, stock removal, finish and low surface roughness are paramount.

Regipol™ RPWP100 is capable of operating with all types of polishing pads and wheels and at high polishing speeds, without affecting surface quality. The special formulation of this product also gives it versatility for it to be the main rare earth element of cerium impregnated wheels and pads.

The product also has excellent suspension characteristics and non-stick properties which make it easier to clean from the glass surface and machinery after use.

TYPICAL ANALYSIS		Benefits
TREO	90% min	
Bulk Density	1.1g/cc	
APS (by Sedigraph)	2.1µ (±0.4µ)	
pH	6.5 - 8	
Colour	White	

Benefits

- Increased stock removal capabilities
- Bright finish
- Longer lifetime
- Versatile with all pad and wheel types
- Cleans easily from the glass

Usage advice: Regipol™ RPWP100 has been designed for precision optical lens polishing in well mixed systems at a concentration of 20 – 30 g/l (2-3 Baume)

Packaging: Polythene lined plastic pails or cardboard boxes 25kg nett (large steel drums also available, ask for details).

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White Precision Optical Polishing Powder Slurries

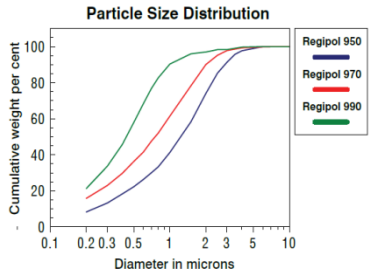
Precision Optics + Touch Panel + Photomask Blanks + LCD Substrate + Glass Hard Discs

Regipol™ RPW900 series are our new white rare earth based aqueous slurry formulations, suitable for use in a wide range of precision glass polishing applications where superior surface finish is required. The RPW900 series is based on a unique rare earth formulation, developed specifically for use with all pad and glass types.

The product also has excellent suspension characteristics and non-stick properties which make it easier to clean from the glass surface and machinery after use.

The material should be fully re-suspended then decanted into the mixing tank at the required dilutions

Typical Particle Size Data (SediGraph)		
RPW950	1.1 – 1.3µ	<3.2µ
RPW970	0.7 – 0.8µ	2.7µ ± 0.50µ
RPW990	0.4 – 0.5µ	2.4µ ± 0.50µ



Usage advice: Regipol™ RPW900 has been designed for use over a wide concentration range, 30 – 200g/l (2-20 Baume)

Packaging: 5 kg bottles, 2 bottles per cardboard box, 60 boxes max per heat treated pallet

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