



Optical Surface Technologies

An LSM business

Fullerton Road, Rotherham, S60 1DL, England
Tel: +44 1709 828500 Fax: +44 1709 833737
e-mail: ost@lsm.co.uk www.opticalsurface.com



The **regipol**TM precision optics polishes

Benefits:

- ✓ Cost effective
- ✓ High performance
- ✓ High surface quality
- ✓ Excellent suspension characteristics
- ✓ Long life
- ✓ Distortion free
- ✓ Technical support

Typical technical data:

| Product | TREO | aps (µm) | 95% (less than) |
|------------------|------|-------------|--------------------|
| 802 | 83 | 2.0 | 8.2 |
| 950*BB | 90 | 1.25 | 3.5 |
| 970*AB/BB | 90 | 0.75 | 2.5 |
| 990*AB | 90 | 0.40 | 1.5 |
| 1100 | 99.5 | 0.8 | 4.0 |
| 1200 | 99.5 | 1.0 | 4.0 |

Average particle size (aps) by sedigraph
* figures for these grades relate to solid content
BB = suspension treated; AB = not suspension treated

Packing information:

Polythene lined plastic pails or cardboard boxes, 25kg per pail/box – 24 pails/boxes per pallet.

900 series – 5kg per bottle, 2 bottles per box, 54 boxes per pallet.

All Regipol products are supplied under our ISO9001 approved quality system.



No. 881462/A

The manufacturer of precision optical components requires polishes that are capable of achieving very high quality surfaces.

OST has developed a range of products to cover the differing requirements of precision optics polishing. OST polishes can be used for all precision optics applications:

- ✓ single stage, high speed polishing
- ✓ low speed polishing (all types of equipment and pad materials)
- ✓ two stage polishing
- ✓ achieving high degrees of surface flatness
- ✓ all glass types

Applications:

Regipol 802 is a high quality, cost effective polish and is used where the objective is to produce a bright scratch-free surface in the shortest possible time.

Regipol 950/970/990 are high purity products with fine and carefully controlled particle sizes. These are used where very high quality surfaces are required, with very low levels of surface roughness. The products can give R_a values as low as 1 nanometre.

Regipol 1100 and 1200 are the highest purity materials in the range, with CeO₂ contents above 99.5% and closely controlled particle size distributions. They are used in the highest quality applications, where absolutely no surface distortions or staining can be tolerated.

| Regipol | Glass type | Surface | Polishing speed |
|-------------|----------------|-----------------|-----------------|
| 1100 | Softer glasses | Flat or shallow | Slow |
| 1200 | Harder glasses | Curved | Fast |

regipolTM – a sharper vision