



Optical Surface Technologies

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polimax™ Plastic Lens Polishes

The Polimax range of polishes has been specially developed for the high performance polishing of plastics, including CR39, polycarbonates and acrylics

Benefits of using Polimax :

- ✓ AR coating quality
- ✓ Fast polishing
- ✓ Long life
- ✓ Soft settling characteristics – easily re-suspended
- ✓ Anti-foaming and anti-caking properties
- ✓ Easily washed from lenses/plastics
- ✓ Easily cleaned from machinery
- ✓ Can be re-suspended even after freezing
- ✓ For use on single or two step fined surfaces

Technical data :

Polimax polishes are based on high purity white Aluminium Oxide. They are supplied ready-mixed in aqueous suspension for easy use.

Typical technical details of the grades are as follows:

| | Polimax L | Polimax MD | Polimax X | Polimax XD- 5 |
|---------------------------|-----------|------------|-----------|---------------|
| Average particle size (µ) | 1.8 | 1.8 | 1.2 | 0.95 |
| Specific gravity (°Baumé) | 23.5 | 26.5 | 23.5 | 30 |
| pH | 3.4±0.4 | 3.1±0.2 | 3.1±0.3 | 3.3±0.3 |
| RR (Poly) | - | 54 | 50 | 73 |
| RR (CR-39) | - | 134 | 125 | 175 |

Application comparisons :

Polimax L: suitable for most applications

Polimax X: a high stock removal rate and a high quality finish at a more economical price

Polimax MD: excellent surface quality and stock removal. Genuine permanent suspension and the low viscosity required for centralised slurry systems.

Polimax XD-5: highest stock removal rate and a high quality finish with low particle size.

Packing information :

1 US gallon plastic bottles in cardboard boxes on pallets, 4 bottles per box, 144 gallons per pallet.

OST's quality systems are certified to **ISO 9001** by Lloyds Register Quality Assurance, number 881462

User information :

- ❶ Shake thoroughly to ensure complete suspension.
- ❷ Make sure the slurry tank and machine bowls and pipes are clean.
- ❸ Use polish undiluted.
- ❹ For optimum results, keep the polish chilled, ideally below 20°C, to prevent lens distortion.
- ❺ Clean polishing machinery at least once per day.
- ❻ Prevent contamination by covering polishing areas when not in use.



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