

## Cerium Oxide Glass Polishing Powder

### Super Tyrox

A premium grade high purity white cerium oxide based polishing powder suited for most glass polishing applications. Super Tyrox is treated with suspension and cleaning agents. Slurries can be easily cleaned from machinery and finished glass due to its exceptional cleanability. The suspension system ensures soft settling and no hard caking after extended static periods.

- High purity, white color, Greater than 90% rare earth oxides
- Long working life. High glass removal rate. Superior surface finish
- Excellent suspension. Does not block plumbing. Does not settle hard
- Easy to clean. No sticking to glass or machine

#### Typical Physical Properties

**Appearance** White powder

#### Composition

Total Rare Earth Oxides	92 - 99%
CeO <sub>2</sub>	65 - 75%

#### Particle Size (coulter)

D50	1.5 - 2.5 μm
D99	< 8 μm

**pH** 6.5 - 7.0

**Suspension Treated** Yes

**Tap Density** 1.7 to 1.9

#### Packaging

Plastic Pail	20 kg.
27 Pails/Pallet	540 kg.

#### Applications

Flat glass, architectural glass, mirror, crystal, Pre-silvering wash. Precision optics.

#### Recommended Slurry Temperature

75° -- 95° F (24° - 35° C)

#### Concentration

Flat glass / mirror beveling and edging  
30 - 50 grams/liter ( 3 - 5 Baume)

Precision Optics / Manual Polishing  
50 - 150 grams/liter ( 5 - 15 Baume)

#### Precautions

Refer to Safety Data Sheet