



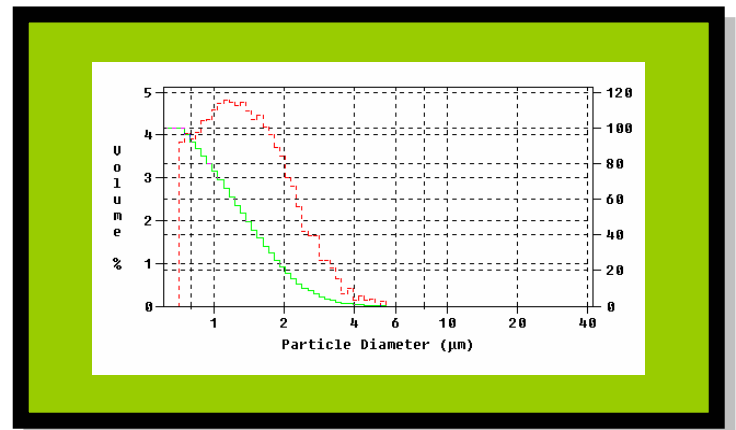
SPECIALTY PROCESS CERIUM OXIDE POWDER

Typical Physical Properties

- **Appearance** off white powder
- **pH** 3.75 – 4.75
- **Composition of Solids**
 - TREO 99% min
 - CeO₂/TREO 99% min
 - CaO <0.02%
 - MgO <0.02%
 - SiO₂ <0.02%
 - Al₂O₃ <0.02%
 - Fe₂O₃ <0.02%
 - F- <0.02%
 - LOI 1.0% max
- **Particle Size(Horiba)**
 - D₅₀ 0.4 – 0.6 μm
 - D₀ 2.5 – 3.0 μm
- **Tap Density** 0.94 – 1.02g/cc
- **Hardness(mohs)** 6.0 – 6.5
- **Suspension treated:** Yes

Applications

- ✓ **Developed for use in precision polishing**
- ✓ **Recommended Concentration**
5 – 10% solids
- ✓ **High Purity CeO₂ for Precision Polishing**
- ✓ **It's fine particle size gives very low surface roughness values**



Output: Coulter Multisizer

- **Packaging** 20 kg/carton; 640 kg/pallet
- **Cautions** Refer to Material Safety Data Sheet