

### Specially designed for high precision optics polishing

Thanks to the strength of its Research and Innovation teams, and its expertise in rare earths, Solvay has developed separated Rare-Earth products with tightly-controlled composition together with specifically designed morphology and characteristics.

### General Characteristics

|            |                                     |
|------------|-------------------------------------|
| Appearance | White powder                        |
| Formula    | CeO <sub>2</sub>                    |
| Packaging  | 600 kg pallet (20 kg plastic pails) |
| Origin     | La Rochelle, France                 |

### Technical Characteristics

| Oxide Basis      |   |      |
|------------------|---|------|
| CeO <sub>2</sub> | % | ≥ 99 |

| "As is" Basis                  |                   |             |
|--------------------------------|-------------------|-------------|
| LOI                            | %                 | ≤ 0.2       |
| Fe <sub>2</sub> O <sub>3</sub> | ppm               | ≤ 100       |
| Tap density                    | g/cm <sup>3</sup> | 1.4 – 1.9   |
| 15 µm oversize                 | ppm               | ≤ 50        |
| D50 Sed                        | µm                | 0.25 – 0.50 |
| Surface area                   | m <sup>2</sup> /g | 3 – 5       |
| Retained on 1µm screen         | %                 | ≤ 8         |

For complementary information, please consult the Safety Data Sheet.

#### Disclaimer

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