

## PRODUCT SPECIFICATION SUPALOX OE11 (50)

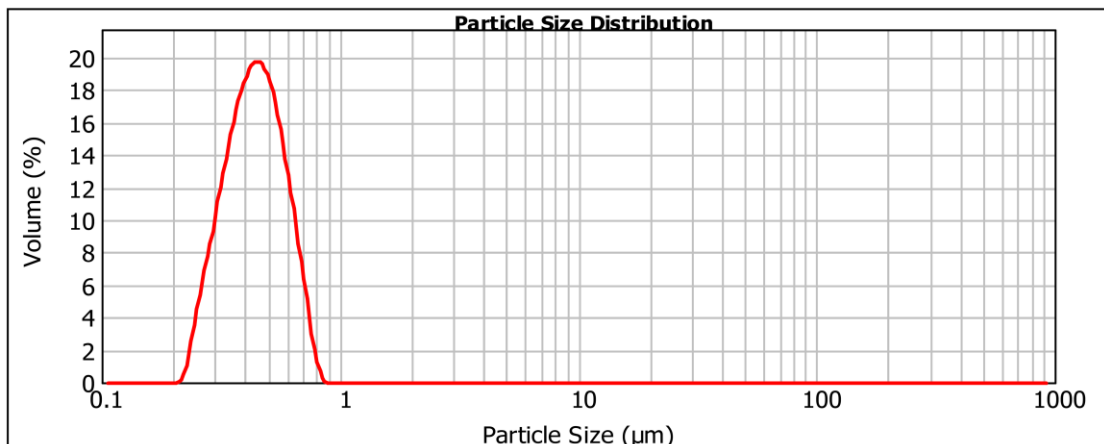
|         |  |        |         |
|---------|--|--------|---------|
| PRODUCT | High Purity Alumina Slurry, Al <sub>2</sub> O <sub>3</sub> | PURITY | > 99.9% |
|---------|--|--------|---------|

| PARAMETERS                                   | METHOD             | SPECIFICATIONS        |        |
|--|--------------------|-----------------------|--------|
| <b>PHYSICAL PROPERTIES</b>                   |                    |                       |        |
| Appearance                                   | Visual inspection  | White Slurry          |        |
| Al <sub>2</sub> O <sub>3</sub> Crystallinity | XRD                | Alpha-Alumina         |        |
| Solid PSD                                    | D10                | Laser Diffraction     | 0.3 μm |
|  | D50                | Laser Diffraction     | 0.5 μm |
|  | D90                | Laser Diffraction     | 1.8 μm |
| Solid content                                | ---                | 50 %                  |        |
| Slurry Density                               | ---                | 1.6 g/cm <sup>3</sup> |        |
| pH   | ---                | 4-5                   |        |
| Shelf Life                                   | Storage at 5-30 °C | 6 Months              |        |



SUPALOX OE11 (50) is a ball-mill deagglomerated product and formulated from our High Purity Alumina powders. The composition has been developed to provide a suspension of alumina in a nontoxic base.

| <b>CHEMICAL COMPOSITION</b> |        |          |
|-----------------------------|--------|----------|
| Na                          | ICP-MS | <500 ppm |
| Mg                          | ICP-MS | <10 ppm  |
| Si                          | ICP-MS | <20 ppm  |
| K                           | ICP-MS | <5 ppm   |
| Ca                          | ICP-MS | <50 ppm  |
| Fe                          | ICP-MS | <100 ppm |



For technical information, please contact: [info@aemcanada.com](mailto:info@aemcanada.com)

Manufactured with virtually zero CO<sub>2</sub> emission in CANADA 

The listed properties represent the typical measured values for this product may not represent the final properties of a given batch. Contact AEM for more information.