

CERLOX ALUMINA

HIGH PURITY THERMAL SPRAY APPLICATIONS



SASOL

Typical chemical properties

Product	Al ₂ O ₃ purity	Primary impurities (ppm)					Crystal structure	Powder form
		Na	Si	Fe	Ca	Ti		
UHPA – Alpha	>99,999 %	<1	2	1	<1	<1	α - Alpha	Spherical
TSA 200 / 20	99,7 %	10	140	10	10	1200	γ - Gamma	Spherical

Typical physical properties

Product	Surface area (m ² / g)	Loss on ignition wt. % maximum	Median particle size (μm)
UHPA – Alpha	5	<0,2	35
TSA 200 / 20	200	0,5	20

Methodology

- Chemical analysis: Leeman Labs Inductively Coupled Argon Plasma
- Particle size distribution: Horiba® Laser Diffraction
- Surface area: B.E.T. Micromeritics® Gemini

CONTACT INFORMATION

For technical information or samples please contact: Ceraloxcs@us.sasol.com

Sasol Chemicals North America LLC - CERALOX

7800 South Kolb Road - Tucson, Arizona 85756

Telephone 520-294-5201

Facsimile 520-294-5208

Toll Free: 800-874-6688 (in U.S.)

This information is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including any existing third party patent rights. In particular, no guarantee of properties in the legal sense is implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not exempted from the obligation to conduct careful inspection and testing of incoming goods. Reference to trade names used by other companies is neither a recommendation, nor is it intended to suggest that similar products could not be used. All our business transactions shall be governed exclusively by our general sales conditions.