

CERALOX ALUMINA FLUORESCENT LAMP COATINGS



SASOL

Typical chemical properties

Product	Al ₂ O ₃ purity	Primary impurities (ppm)								
		Na	Si	Fe	Ca	Mg	Ti	Cr	Ni	Zr
APA – 0.2	99,96 %	10	60	100	10	30	5	5	5	5
APA – 0.4	99,96 %	10	60	100	10	30	5	5	5	5
APA – 8AF*	99,7 %	5	15	10	5	5	1200	1	1	1
UHPA – Gamma – AFS*	99,998 %	1	5	3	1	<1	<1	<1	<1	<1
UHPA – R5AFS – LFE*	99,998 %	5	5	3	1	<1	<1	<1	<1	<1

Typical physical properties

Product	d50 particle size (μm)	d90 particle size (μm)	Surface area (m ² / g)
APA – 0.2	2,0	6,0	40
APA – 0.4	0,3	0,4	7,5
APA – 8AF*	1,0	5,0	7,0
UHPA – Gamma – AFS*	2,0	4,0	145
UHPA – R5AFS – LFE*	0,6	1,6	6,0

* AF, AFS and AFS – LFE powders are agglomerate free powders that are easily dispersed in low shear aqueous processes.

Methodology

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

CONTACT INFORMATION

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