

AUERWEISS CeO2

Properties

White powder

Application

- Conductive /non-conductive ceramics
- Opacifying agent for enamels
- Oxidizing agent
- Stabiliser for pigments



Chemical analysis

	A	AF	B	BF
Material base				
TREO*	min. 99,0 %	min. 99,0 %	min. 99,0 %	min. 99,0 %
L.O.I., 1000°C	max. 0,5 %	max. 0,5 %	max. 0,5 %	max. 0,5 %
Fe ₂ O ₃	< 75 ppm	< 75 ppm	< 75 ppm	< 75 ppm
TREO base				
CeO ₂	min. 99,95 %	min. 99,95 %	min. 99,95 %	min. 99,95 %
Nd ₂ O ₃	< 60 ppm	< 60 ppm	< 60 ppm	< 60 ppm
Pr ₆ O ₁₁	< 60 ppm	< 60 ppm	< 60 ppm	< 60 ppm
La ₂ O ₃	< 150 ppm	< 150 ppm	< 150 ppm	< 150 ppm

*TREO = Total Rare Earth Oxide

Physical parameter

PSD d50 (Microtrac)	A, B	typ. 1 – 8 µm
PSD d50 (Microtrac)	AF, BF	< 0,8 µm
PSD d90 (Microtrac)	AF, BF	< 3,2 µm
Sieve residue 32 µm	AF, BF	< 0,01 %

Packing

- Plastic boxes with 1, 5 or 10 kgs net
- Plastic or steeldrums with 25 kgs resp. 50 kgs net
- BigBags with 500 resp. 1.000 kgs net
- Other packing on request