

Cerium oxide | CeO₂

P-163-SE 99%

Application

- Coloring and decolorising of glass
- Stabilizer in spectacle lenses and television tubes, nuclear technology and special areas.
- Refractory ceramics
- Opacifying agent for enamels
- Oxidizing agent
- As catalysts for various applications
- Reflectors for car headlights
- Stabilizer for pigments
- Doping agent for carbon arc cores
- Electronic industry

We hereby certify that the product listed below has been manufactured, tested, and inspected in accordance with our quality management system and established quality control procedures. The analytical results presented below represent the supplied batch and confirm that the product complies with the specified quality requirements.

Chemical Analyses

P-163-SE 99%

In material

CeO ₂ / TREO	99,9	%
La ₂ O ₃ / TREO	69	ppm
Pr ₆ O ₁₁ / TREO	48	ppm
Nd ₂ O ₃ / TREO	43	ppm
Nd ₂ O ₃	0,4	ppm
Cr ₂ O ₃	<1	ppm
Co ₃ O ₄	<1	ppm
NiO	<1	ppm
Co ₃ O ₄	<1	ppm
Fe ₂ O ₃	<0,01	%
CaO	<0,01	%
LOI	0,62	%
TREO	99,2	%

Physical Parameters

d 10	3,01	μm
d 50	22,94	μm
d 90	48,35	μm

*TREO = Total Rare Earth Oxides

