

## DYSPROSIUM OXIDE Dy203

### Properties

Beige to yellow powder

### Application

- Additive for manufacture of glass
- Manufacture of halogen lamps
- Nuclear industry
- Laser materials
- Compact discs



### Chemical analysis

	99,0 %	99,9 %	99,99 %
<b>Material base</b>			
TREO*	min. 99,0 %	min. 99,0 %	min. 99,0 %
L.O.I., 1000°C	max. 1,0 %	max. 1,0 %	max. 1,0 %
Fe <sub>2</sub> O <sub>3</sub>	< 100 ppm	< 50 ppm	< 25 ppm
Co <sub>3</sub> O <sub>4</sub>	< 10 ppm	< 5 ppm	< 3 ppm
NiO	< 10 ppm	< 5 ppm	< 3 ppm
CuO	< 10 ppm	< 5 ppm	< 3 ppm
<b>TREO base</b>			
Dy <sub>2</sub> O <sub>3</sub>	min. 99,0 %	min. 99,9 %	min. 99,99 %
Total remaining RE-Oxides	max. 1,0 %	max. 0,1 %	max. 100 ppm

\*TREO = Total Rare Earth Oxide

### Physical parameter

PSD d50	(Microtrac)	typ. 2 – 10 μ
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### 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