

## SCANDIUM OXIDE Sc203

### Properties

White to beige powder

### Application

- Alloys for the automotive and aerospace industry and space industry



### Chemical analysis

	99,0 %	99,99 %
<b>Material base</b>		
TREO*	min. 98,0 %	min. 99,0 %
L.O.I., 1000°C	max. 2,0 %	max. 1,0 %
Fe <sub>2</sub> O <sub>3</sub>	< 150 ppm	< 10 ppm
CuO	< 50 ppm	< 10 ppm
SiO <sub>2</sub>	< 150 ppm	< 30 ppm
CaO	< 300 ppm	< 80 ppm
<b>TREO base</b>		
Sc <sub>2</sub> O <sub>3</sub>	min. 99,0 %	min. 99,99 %
Total remaining RE-Oxides	max. 1,0 %	max. 100 ppm

\*TREO = Total Rare Earth Oxide

### Physical parameter

PSD d50	(Microtrac)	typ. 5 – 20 µm
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### Packing

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