

THULIUM OXIDE *Tm₂O₃*

Properties

White to beige powder

Application

- Phosphors
- Laser materials



Chemical analysis

		99,99 %
<u>Material base</u>		
TREO*		min. 99,0 %
L.O.I., 1000°C		max. 1,0 %
Fe ₂ O ₃		< 20 ppm
CaO		< 20 ppm
Co ₃ O ₄		< 3 ppm
NiO		< 3 ppm
<u>TREO base</u>		
Tm ₂ O ₃		min. 99,99 %
Total remaining RE-Oxides		max. 100 ppm

*TREO = Total Rare Earth Oxide

Physical analysis

PSD d50	(Microtrac)	typ. 3-15 μ
---------	-------------	-------------

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