

# LUTETIUM OXIDE *Lu2O3*

## Properties

White to beige powder

## Application

- Dopant for lattice parameters



## Chemical analysis

		<b>99,99 %</b>
<b><u>Material base</u></b>		
TREO*		min. 99,0 %
L.O.I., 1000°C		max. 1,0 %
Fe <sub>2</sub> O <sub>3</sub>		< 5 ppm
Al <sub>2</sub> O <sub>3</sub>		< 50 ppm
CaO		< 50 ppm
<b><u>TREO base</u></b>		
Lu <sub>2</sub> O <sub>3</sub>		min. 99,99 %
Total remaining RE-Oxides		max. 100 ppm

\*TREO = Total Rare Earth Oxide

## Physical parameter

PSD d50	(Microtrac)	typ. 3-15 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