

# YTTRIUM CHLORIDE YCl<sub>3</sub> · 6H<sub>2</sub>O

## Properties

White crystalline powder, soluble in water

## Application

- Dopants for electroceramics
- Security systems for banknotes and credit cards



## Chemical analysis

	99,9 %	99,99 %	99,999 %
<b>Material base</b>			
TREO*	typ. 37,0 %	typ. 37,0 %	typ. 37,0 %
Fe <sub>2</sub> O <sub>3</sub>	< 20 ppm	< 10 ppm	< 2 ppm
CaO	< 30 ppm	< 10 ppm	< 5 ppm
Na <sub>2</sub> O	< 30 ppm	< 10 ppm	< 5 ppm
SiO <sub>2</sub>	< 100 ppm	< 30 ppm	< 5 ppm
Al <sub>2</sub> O <sub>3</sub>	< 150 ppm	< 50 ppm	< 5 ppm
K <sub>2</sub> O	< 30 ppm	< 10 ppm	< 5 ppm
<b>TREO base</b>			
Y <sub>2</sub> O <sub>3</sub>	min. 99,9 %	min. 99,99 %	min. 99,999 %
Total remaining RE-Oxides	max. 0,1 %	max. 100 ppm	max. 10 ppm

\*TREO = Total Rare Earth Oxide

## Form of delivery

Product available as crystal or solution.

## Packing

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