



# TITANIUM DIOXIDE RC 813

### Type

RC 813 is a micronized rutile pigment produced by the sulphate process by CINKARNA CELJE - SLOVENIA. The pigment is lattice-stabilized with alumina and surface-treated with aluminium compounds. A special organic treatment provides excellent dispersion. RC 813 features very good optical properties and especially high grade of gloss and hiding power.

### Applications

- high gloss dispersions,
- industrial and decorative coatings,
- radiator paints,
- coil-coatings,
- domestic appliance finishes,
- package lacquers,
- carton-paper coatings,
- masterbatches,
- printing inks,
- white concrete.

### Technical data parameter

<b>TiO<sub>2</sub> content</b>	min 94.0 %	ISO 591-1*
<b>Classification</b>	R2	ISO 591
<b>Oil absorption</b>	max 21 g/100 g	ISO 787-5
<b>Loss on drying at 105 °C **</b>	max 0.5 %	ISO 787-2
<b>pH</b>	7.0 – 8.0	ISO 787-9
<b>Sieve residue (µm40)</b>	max 0.01 %	ISO 787-7
<b>CIE Lab (powder)</b>		
<b>L*</b>	min 97.5	Internal Method
<b>b*</b>	max 2.5	Internal Method

\* - XRF determination controlled by ISO 591-1

\*\* - at packing

### Packaging

- 25 kg multiply paper sacks, packed 40 sacks per pallet, wrapped with stretch-hood foil, suitable for recycling.
- Big bags up to 1000 kg
- Bulk road tankers containing up to 23 t by request.