

TITANIUM DIOXIDE RC 813 (TMP free)

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

TiO₂ content	min 94.0 %	ISO 591-1*
Classification	R2	ISO 591
Oil absorption	max 21 g/100 g	ISO 787-5
Loss on drying at 105 °C **	max 0.5 %	ISO 787-2
pH	7.0 – 8.0	ISO 787-9
Sieve residue (µm40)	max 0.01 %	ISO 787-7
CIE Lab (powder)		
L*	min 97.5	Internal Method
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