

TITANIUM DIOXIDE RC 823

Type

RC 823 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 and silicon compounds. A special organic treatment provides excellent dispersion and high grade of gloss.

Applications

- dispersion paints (exterior, interior)
- industrial and decorative coatings (water and solvent base),
- package lacquers,
- primers,
- powder coatings (exterior, interior),
- masterbatches,
- plaster paints,
- levelling products.

Technical data parameter

TiO₂ content	min 94.0 %	ISO 591-1*
Classification	R2	ISO 591
Oil absorption	18 – 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 in multiply paper sacks, packed 40 sacks per pallet, wrapped with a stretch-hood foil suitable for recycling.
- Big-bags up to 1000 kg.
- Bulk road tankers containing up to 23 t by request.