

Titanium rutile pigments

Specifications

Titanium Pigments

T880

Rutile pigment based on titanium dioxide.

High-technology universal rutile pigment, developed for a wide range of use in the production of coatings industry. The product has high optical properties and durability.

Excellent for paints of external and internal applications for industrial, construction and household purposes.

No	Indicator description	Value
1	Whiteness (%)	96.8
2	Inorganic coating ¹	SiO ₂ , Al ₂ O ₃
3	Spreading capacity (g/m ²)	35
4	Oil absorption, cm ³ /100 g of pigment	18
5	Weight percent of volatile substance, %	0,5
6	Weight percent of water-soluble agent, %	0,5
7	PH of water slurry	7-8
8	Residue on the sieve with net 0045, %	0,03
9	Reducing power, c.u.	1980
10	Dispersive ability, μm,	15
11	Long-term strength	hight
12	Designation according to the standard ASTM D-476-00	Type II, III, IV, V, VI, VII
13	Classification according to the standard ISO 591-1:2000	R2

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Scope of application

- in the manufacture of external coatings
- in the production of coatings operated in aggressive environments;
- industrial coatings
- architectural water-based paints (for exterior and interior use)
- glossy, semi-gloss, matte and primer
- in the manufacture of printing ink on a organic basis
- plastics and PVC profiles, siding, window systems
- Super Concentrates
- Polystyrene and its copolymers
- Polyolefins

Form and packaging

- Powder-like material of white color
- Bags of 25 kg

Pigment is a low-hazardous substance. Average maximum permissible concentration of Titanium dioxide in the air of the working area - 10 mg/m³.