

Titanium dioxide rutile pigments

Specifications

Titanium Pigments

T900

A rutile pigment produced by the sulfate method is characterized by increased brightness, resistance to UV radiation, and provides gloss and corrosion resistance to the final product..

No	Description	Value
1	Whiteness (%)	97
2	Inorganic coating ¹	ZrO ₂ , Al ₂ O ₃
3	Spreading capacity (g/m ²)	29
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	1992
10	Dispersive ability, μm	15
11	Long-term strength	high
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

TY 20.30.21-001-24172600-2023

Package: 25 kg bags.

Scope of application:

- plastics and PVC profiles, siding, window systems, etc.;
- in the production of external coatings;
- in the production of masterbatches;
- in the production of coatings used in aggressive environments;
- industrial paints;
- architectural water-based paints (for exterior and interior use) - glossy, semi-gloss, matte and primer
- in the production of organic-based printing inks

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