

# Titanium dioxide rutile pigments

Specifications

## Titanium Pigments

### T770+

The rutile pigment, produced by the sulfate method, is characterized by increased resistance to acidic environments, as well as excellent brightness, resistance to UV radiation, and provides gloss and corrosion resistance to the final product.

No	Description	Value
1	Whiteness (%)	96,8
2	Inorganic coating <sup>1</sup>	ZrO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub>
3	Spreading capacity (g/m <sup>2</sup> )	27
4	Oil absorption, cm <sup>3</sup> /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, %	0,01
9	Reducing power, c.u	1995
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:**

- in the production of external coatings;
- 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/m<sup>3</sup>.