

# Titanium dioxide rutile pigments

Specifications

## Titanium Pigments

### T220+

Universal rutile pigment applied using the sulfate method provides increased brightness, UV resistance, and provides shine and durability to a traditional product.

No	Description	Value
1	Whiteness (%)	97
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> )	33
4	Oil absorption, cm <sup>3</sup> /100 g of pigment	20
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	1985
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/m<sup>3</sup>.