

## Titan A1

Properties	national standard GB170693 (BA01-01)		internal control specification		
	first grade	First- class	conformance	first grade	First- class
Purity TiO <sub>2</sub> , % (m/m) ≥	98	98	98	98.0	98.0
Color compare with standard	approximity	not lower than	slightly worse than	not lower than	slightly worse than
Tinting strength compare with standard, % ≥	100	100	90	100	90
Matter volatile at 105°C, % (m/m) ≤	0.5	0.5	0.5	0.5	0.5
Matter volatile at 105°C pretreated at (23±2) °C and relative humidity (50 ± 5) % for 24h, ≤	0.5	0.5	0.5	0.5	0.5
Water soluble % ≤	0.4	0.5	0.6	0.5	0.6
PH of suspension, aqueous solution retained, %	6.5-8.0	6.5-8.0	6.0-8.5	6.5- 8.0	6.0-8.5
Oil absorption, g/100g ≤	22	26	28	26	28
Residue on sieve 45um, % m/m	0.05	0.10	0.30	0.10	0.30
Resistivity of aqueous extract, Ωm ≥	30	20	16	20	16
First grade ratio % ≥				95	
qualified package weight rate %					100

### Application:

Titan A1 is a white substance and is used as a living pigment in the production of many industrial products

Titan A1 has benefits that are less well-known, but make it possible to use it in the fight against climate and .climate change and in the fight against skin cancer

:Other uses of titanium anatase A1 include

Rubber industry

color production

plastic industry

Paper and ink industry



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