

## CR-350 TiO2 TDS

**CR-350 TiO2** is a general grade of rutile titanium dioxide. It is produced by chloride process. Advanced particle size control technology, inorganic coating by aluminum and zirconium compounds, compound organic treatment have been adopted in production. It has excellent bluish undertone and whiteness, high gloss, good dispersibility, strong hiding power, good weather resistance and temperature resistance. It can be widely used in paints, inks, plastics etc.

### Recommended Applications

- High-end decorative paint
- Ink
- Automotive paint
- Industrial paint
- Plastic

### Technical Index

Index Item	Standard	Typical Value
TiO2 content, % $\geq$	92.5	93.5
Content of rutile, % $\geq$	99.0	100
Brightness, % $\geq$	95.1	95.4
Whiteness (visualization, compared with standard sample)	Not less than	Not less than
L (dry powder)	/	99.0
L (dry powder)	/	1.6
Reducing power (Reynolds number)	1920	1950
Dispersibility (Hegman) $\geq$	6.50	6.75
Oil absorption, g/100g, $\leq$	20	18
Slurry PH	6.5-8.5	7.2
Electric resistivity, $\Omega\text{m}$ , $\geq$	80	165
Volatile at 105°C, %, $\leq$	0.5	0.4
Sieve residue (45 $\mu\text{m}$ ), %, $\leq$	0.02	0.01
Average particle size (nm) SEM	/	230
Inorganic treatment	ZrO2, Al2O3	/
Organic treatment	Yes	/

### Packing

In 25kg, 500kg, 1000kg bags

### Storage

Avoid damp and sun exposure

### Chemate Technology Co.,Ltd

Add: NO.80 PUHUI ROAD,ZHENGZHOU CITY, HENAN PROVINCE, CHINA

URL: <https://www.chemategroup.com/pangang-titanium-dioxide/>

Email: [sales@chemategroup.com](mailto:sales@chemategroup.com)

Phone: 0086-371-60921621

Whatsapp: +8618624832876

Note: All information is based on data obtained from the manufacturer or recognized technical sources. The information is believed to be accurate. We make no representation or warranty, express, or implied, concerning the accuracy or sufficiency of the information. We are not liable for any damages resulting from the use of the information.

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