

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, Ωm , \geq	80	165
Volatile at 105°C, %, \leq	0.5	0.4
Sieve residue (45 μm), %, \leq	0.02	0.01
Average particle size (nm) SEM	/	230
Inorganic treatment	ZrO ₂ , Al ₂ O ₃	/
Organic treatment	Yes	/

Packing

In 25kg, 500kg, 1000kg bags

Storage

Avoid damp and sun exposure

Chemate Technology Co.,Ltd

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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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