

CR-340 TiO2 TDS

CR-340 TiO2 is a grade rutile TiO2 Pigment for plastics applications. It is produced by chloride process. It has the prominent particle size and distribution by precise process parameter designing and controlling, and the special inorganic and organic coating treatment. So, it has been widely used in flexible and moderate durability plastics. It has many advantages, such as prominent dispersibility, excellent bluish undertone, whiteness, high temperature anti-yellowing, non-breaking during production of casting film at high temperature, etc.

Recommended Applications

- High concentration of masterbatch
- High-quality films
- Silk and wire plastics
- Injection plastics
- Moderate durability plastics
- Rubber

Technical Index

Index Item	Standard	Typical Value
TiO2 content, % \geq	94.0	97.0
Content of rutile, % \geq	99.0	99.0
Brightness, % \geq	94.8	95.0
Whiteness (visualization, compared with standard sample)	Not less than	Not less than
L (dry powder)	/	99.0
L (dry powder)	/	1.2
Reducing power (Reynolds number)	1850	1900
Dispersibility (Hegman) \geq	6.50	6.50
Oil absorption, g/100g, \leq	15.0	15.0
Volatile at 105°C, %, \leq	0.5	0.1
Color 320°C, $\Delta E \leq$	/	0.5
Average particle size (nm) SEM	/	190
Inorganic treatment	Al2O3	/
Organic treatment	Yes	/

Packing

In 25kg, 500kg, 1000kg bags

Storage

Avoid damp and sun exposure

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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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