

TiONA® 592

PRODUCT DATA SHEET

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Description: TiONA® 592 is a bright white general-purpose, sulfate process rutile titanium dioxide pigment. It is designed to provide a good combination of ease of dispersion, very good optical properties and weathering resistance in a range of coatings applications.

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| Key Features: | <ul style="list-style-type: none"> • Excellent dispersion properties • High Whiteness • Good hiding power | <ul style="list-style-type: none"> • Good tinting strength with bluer tone • Good gloss • Very good durability |
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Applications: TiONA® 592 is for evaluation in:

- Interior and exterior coatings
- Solvent and water-based coatings
- Architectural coatings
- General industrial coatings
- PVC plastics

Typical Properties:	• TiO ₂ content:	93.5%
	• Surface treatment:	Alumina, silica, organic
	• Oil absorption:	23 g/100g
	• pH:	8.7
	• Specific gravity:	4.0
	• Bulk density:	1.0 kg/l or 62 lbs/cu.ft.
	• Particle size*:	
	- Disc Centrifuge – mean diameter (D _n):	0.19 µm
	- Light Scatter – calculated mean (OD):	0.28 µm

*Particle Size results are dependent upon the measurement technique.
Please contact your local Tronox Technical Service representative for additional information.

Additional Information: TiONA® 592 conforms to:

- ASTM D476 Type II, III, VI
- BS EN ISO 591-1:2000 Type R2
- R2 / DIN 55912/1
- ECOIN: listed under EINECS number 236-675-5
- CAS number 13463-67-7
- Color Index 77891, Pigment White 6

Regulatory Status: TiONA® 592 has a wide range of regulatory approvals for various applications worldwide. Please see www.tronox.com or contact your Tronox sales representative for additional information. Regulatory information requests may also be submitted at chemprodsteward@tronox.com.

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