

# TiONA® 592

## PRODUCT DATA SHEET

[www.tronox.com](http://www.tronox.com)

**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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| <b>Key Features:</b> | <ul style="list-style-type: none"> <li>• Excellent dispersion properties</li> <li>• High Whiteness</li> <li>• Good hiding power</li> </ul> | <ul style="list-style-type: none"> <li>• Good tinting strength with bluer tone</li> <li>• Good gloss</li> <li>• Very good durability</li> </ul> |
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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

<b>Typical Properties:</b>	<ul style="list-style-type: none"> <li>• TiO<sub>2</sub> content:</li> <li>• Surface treatment:</li> <li>• Oil absorption:</li> <li>• pH:</li> <li>• Specific gravity:</li> <li>• Bulk density:</li> <li>• Particle size*:</li> <li>- Disc Centrifuge – mean diameter (D<sub>n</sub>):</li> <li>- Light Scatter – calculated mean (OD):</li> </ul>	<p>93.5%</p> <p>Alumina, silica, organic</p> <p>23 g/100g</p> <p>8.7</p> <p>4.0</p> <p>1.0 kg/l or 62 lbs/cu.ft.</p> <p>0.19 µm</p> <p>0.28 µm</p>
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\*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](http://www.tronox.com) or contact your Tronox sales representative for additional information. Regulatory information requests may also be submitted at [chemprodsteward@tronox.com](mailto:chemprodsteward@tronox.com).

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