

# TiONA® 822

## PRODUCT DATA SHEET

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

**Description:** TiONA® 822 is a high performance, blue tint tone, chloride-process, rutile titanium dioxide pigment, designed for use in both coatings and plastics where a high level of durability is required. It provides a combination of good optical properties, exceptional durability and ease of dispersion.

- Key Features:**
- High chalk resistance
  - Exceptional gloss retention
  - High brightness
  - Excellent color stability
  - Ease of dispersion
  - Blue tint tone

- Applications:** TiONA® 822 is recommended for evaluation in:
- Exterior high durable applications
  - Solvent and water based coatings
  - Architectural coatings
  - Industrial and coil coatings
  - Powder coatings
  - Marine and protective coatings
  - Durable PVC

<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*                             <ul style="list-style-type: none"> <li>- Disc Centrifuge – mean diameter (Dn):</li> <li>- Light Scatter – calculated mean (OD):</li> </ul> </li> </ul>	<p>93%</p> <p>Alumina, silica, organic</p> <p>21g/100g</p> <p>7.8</p> <p>4.0</p> <p>0.8 kg/l or 50 lbs/cu.ft.</p> <p>0.19 µm</p> <p>0.29 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® 822 conforms to:
- ASTM D476 Type IV, VI, VII
  - BS EN ISO 591-1:2000 Type R2
  - ECOIN: listed under EINECS number 236-675-5
  - CAS number 13463-67-7
  - Color Index 77891, Pigment White 6

**Regulatory Status:** TiONA® 822 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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