

# TiONA® 828

## PRODUCT DATA SHEET

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

**Description:** TiONA® 828 is a multi-purpose, blue tint tone, chloride-process, rutile titanium dioxide pigment, designed to give an outstanding combination of ease of dispersion, excellent optical properties and good durability in a wide range of coating applications.

- Key Features:**
- Highest gloss
  - Excellent opacity
  - High tint strength
  - High brightness
  - Blue tint tone
  - Good durability
  - Ease of dispersion

- Applications:** TiONA® 828 is recommended for evaluation in:
- Interior and exterior coatings
  - Solvent and water based coatings
  - Architectural coatings
  - General industrial coatings
  - Powder coatings
  - Marine and protective coatings
  - Printing inks

<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>95%</p> <p>Alumina, zirconia, organic</p> <p>17 g/100g</p> <p>7.4</p> <p>4.1</p> <p>0.96 kg/l or 60 lbs/cu.ft.</p> <p>0.19 µm</p> <p>0.28 µm</p>
----------------------------	---	---

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

- Additional Information:** TiONA® 828 conforms to:
- ASTM D476 Type II, III
  - 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® 828 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).

TiONA® is a registered trademark in the United States and other countries around the world. Unless otherwise provided by applicable law, nothing contained in this literature shall be deemed a representation or warranty of any kind, either expressed or implied. The recommendations and suggestions given in this literature are presented for your own investigation and verification. The products of the Tronox Holding plc, its subsidiaries and affiliates ("Seller") are sold only on the basis of conforming to specifications, and subject to Seller's standard Terms and Conditions of Sale, but without warranty, expressed or implied, in law or in fact, of merchantability or fitness for a particular purpose and upon the condition that purchasers make their own tests to determine the suitability of such products for their particular purposes. Statements concerning the possible use of Seller's products or processes described are not intended as recommendations or permission to use the same in the infringement of any patent, or to practice a patented invention without a license. See the Safety Data Sheet (SDS) for this product for safety information prior to use. This document does not constitute a specification. Product specifications are available on request.