

# 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>	• TiO <sub>2</sub> content	96%
	• Surface treatment:	Alumina, zirconia, organic
	• Oil absorption:	17 g/100g
	• pH:	7.4
	• Specific gravity:	4.1
	• Bulk density:	0.96 kg/l or 60 lbs/cu.ft.
	• Particle size*	
	- Disc Centrifuge – mean diameter (D <sub>n</sub> ):	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® 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).

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