

# TiONA® 3

## PRODUCT DATA SHEET

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

**Description:** TiONA® 3 is a heavily treated, chloride-process, rutile titanium dioxide pigment, specifically designed to give excellent hiding power and good film integrity in flat emulsion paints formulated above CPVC. TiONA® 3 provides easy incorporation and excellent stability in the finished paint as well as high dry-hide opacity.

- Key Features:**
- High oil absorption providing low gloss and sheen
  - Excellent brightness
  - High tint strength
  - Exceptional dry-hide opacity above CPVC
  - Excellent storage stability

- Applications:** TiONA® 3 is recommended for evaluation in:
- High PVC flat interior emulsion and solvent coatings
  - Architectural coatings
  - Printing inks not requiring gloss

<b>Typical Properties:</b>	• TiO <sub>2</sub> content:	81%
	• Surface treatment:	Alumina, silica
	• Oil absorption:	35g/100g
	• pH:	8.5
	• Specific gravity:	3.8
	• Bulk density:	0.69 kg/l or 43 lbs/cu.ft.
	• Particle size*	
	- Disc Centrifuge – mean diameter (Dn):	0.25 µm
	- Light Scatter – calculated mean (OD):	0.36 µm

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

- Additional Information:** TiONA® 3 conforms to:
- ASTM D476 Type III
  - BS EN ISO 591-1:2000 Type R3
  - ECOIN: listed under EINECS number 236-675-5
  - CAS number 13463-67-7
  - Color Index 77891, Pigment White 6

**Regulatory Status:** TiONA® 3 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).