

# TiONA® 595

## PRODUCT DATA SHEET

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

**Description:** TiONA® 595 is a multipurpose chloride-process rutile titanium dioxide pigment designed to give an outstanding combination of dispersion, opacity, gloss and durability in a wide range of coating applications.

- Key Features:**
- Highest opacity
  - Exceptional tint strength
  - Extreme whiteness
  - Very high gloss
  - Superior dispersibility
  - High multipurpose durability

**Applications:** TiONA® 595 is recommended for evaluation in:

- Interior and exterior coatings
- Water and solvent based coatings
- Architectural coatings
- General industrial coatings
- Automotive, OEM and refinish
- Powder coatings
- Marine and protective coatings
- Low VOC/high solids formulations

<b>Typical Properties:</b>	• TiO <sub>2</sub> content:	95%
	• Surface treatment:	Alumina, zirconia, organic
	• Oil absorption:	19g/100g
	• pH :	7.5
	• Specific gravity:	4.1
	• Bulk density:	1.1 kg/l or 69 lbs/cu.ft.
	• Particle size*	
	- Disc Centrifuge – mean diameter (Dn):	0.20 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® 595 conforms to:
- ASTM D476 Type VI, VII
  - BS EN ISO 591-1:2000 Type R2
  - ECOLIN: listed under EINECS number 236-675-5
  - CAS number 13463-67-7
  - Color Index 77891, Pigment White 6

**Regulatory Status:** TiONA® 595 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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**Description:** TiONA® 595 is a high performance, multipurpose, chloride-process rutile titanium dioxide pigment, most suited in applications requiring good dispersion, durability and optical properties. TiONA® 595 is particularly suited for coatings applications such as PVC plastisols for wallcoverings and spread coatings for flooring where it provides high opacity and low viscosity.

- Key Features:**
- Superior color stability
  - Semi-durable providing moderate weathering characteristic
  - Outstanding brightness and whiteness
  - Neutral tint tone
  - Good dispersibility
  - Good processability

**Applications:** TiONA® 595 is recommended for evaluation in:

- General purpose, semi-durable compounds and masterbatch
- Polyolefins
- Liquid color systems

<b>Typical Properties:</b>	• TiO <sub>2</sub> content:	95%
	• Surface treatment:	Alumina, zirconia, organic
	• Specific gravity:	4.1
	• Bulk density:	1.1 kg/l or 69 lbs/cu.ft.

**Additional Information:** TiONA® 595 conforms to:

- ASTM D476 Type VI, VII
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