

TiONA® 595

PRODUCT DATA SHEET

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

- Typical Properties:**
- TiO₂ 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 or contact your Tronox sales representative for additional information. Regulatory information requests may also be submitted at 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

Typical Properties:

• TiO ₂ 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:

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