

**Description:** TiONA® 595 is a high performance, multipurpose chloride-process titanium dioxide pigment most suited to use in applications rutilite 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:**

- Highest opacity
- Exceptional tint strength
- Extreme whiteness
- Superior dispersibility
- High multipurpose durability

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

- PVC compounds\*
  - PVC plastisols
  - Flexible PVC
- Polyolefin compounds
  - General purpose masterbatch
  - Durable applications: e.g. garden furniture, stadium seating
- Liquid colour systems
- TiONA® 595 is not designed to meet the very specific durability requirements for exterior rigid PVC compounds, and for which TiONA® 168 is recommended for evaluation.

**Typical Properties:**

- TiO<sub>2</sub> content: 95%
- Surface treatment: Alumina, zirconia, organic
- Oil absorption: 19g/100g
- pH (10% suspension): 7.5
- Specific gravity: 4.1
- Density: 34.2 lbs/gal

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

- ASTM D476 Type VII
- 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:** Due to the wide range of applications for TiONA® 595, this subject is too diverse to cover adequately in a technical datasheet. Declarations of conformity can be provided on request. Please contact your Cristal sales representative.

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