

PRODUCT DATA SHEET

Description: Tiona 596 is a multipurpose chloride-process rutile titanium dioxide pigment designed for use in both aqueous and solvent based coating systems. It is characterised by an outstanding combination of high gloss, excellent color and dispersibility coupled with high exterior durability. The low surfactant demand of Tiona 596 coupled with its high speed dispersibility provides excellent water-based paint performance. It is suggested for use in low VOC and conventional solids finish both interior and exterior.

Key Features:

- High opacity
- Exceptional tint strength
- Extreme whiteness
- Very high gloss
- Superior dispersibility
- High multipurpose durability
- Manufacturing consistency

Applications: Tiona 596 is recommended for evaluation in:

- Water and solvent-based decorative coatings - interior and exterior
- Water and solvent-based industrial coatings
- General industrial coatings
- Automotive, OEM and refinish
- Powder coatings
- Can coatings
- Low VOC/high solids formulations

Typical Properties:

- TiO₂ content: 94%
- Surface treatment: Alumina, silica, organic
- Oil absorption: 21g/100g
- pH (10% suspension): 8.0
- Specific gravity: 4.1
- Density: 34.2 lbs/gal

Additional Information: Tiona 596 conforms to:

- ASTM D476 - 00(2000) Type V, VII
- 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 596, 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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