

# TiONA® 8870

## PRODUCT DATA SHEET

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

**Description:** TiONA® 8870 is a high performance, chloride-process rutile titanium dioxide pigment, designed to provide a combination of excellent optical properties and thermal stability in polycarbonate, polycarbonate -ABS and engineering plastics applications.

- Key Features:**
- Excellent thermal stability
  - Outstanding brightness and whiteness
  - Blue tint tone
  - Good dispersibility
  - Excellent processability
  - Excellent powder handling
  - Hydrophobic

- Applications:** TiONA® 8870 is recommended for evaluation in:
- Polycarbonate
  - Polycarbonate-ABS blend
  - Engineering plastics
  - Polycarbonate-PET blends

- Typical Properties:**
- |                             |                           |
|-----------------------------|---------------------------|
| • TiO <sub>2</sub> content: | 95%                       |
| • Surface treatment:        | Alumina, organic          |
| • Specific gravity:         | 4.2                       |
| • Bulk density:             | 1.0 kg/l or 62 lbs/cu.ft. |

- Additional Information:** TiONA® 8870 conforms to:
- ASTM D476 Type II
  - 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:** TiONA® 8870 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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