

# TiONA® 8140

## PRODUCT DATA SHEET

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

**Description:** TiONA® 8140 is a very heavily treated chloride-process rutile titanium dioxide pigment, specifically designed to give the optimum opacity and tint strength, while maintaining film integrity in flat emulsion paints formulated above CPVC. TiONA® 8140 provides easy incorporation and excellent stability in finished paints.

- Key Features:**
- High oil absorption providing low gloss and sheen
  - Excellent brightness
  - Highest tint strength
  - Highest dry-hide opacity above CPVC
  - Excellent storage stability

**Applications:** TiONA® 8140 is recommended for evaluation in:

- High PVC flat interior emulsion coatings
- Architectural coatings
- Printing inks not requiring gloss

<b>Typical Properties:</b>	<ul style="list-style-type: none"> <li>• TiO<sub>2</sub> content: 82%</li> <li>• Surface treatment: Alumina, silica</li> <li>• Oil absorption: 43 g/100g</li> <li>• pH: 8.9</li> <li>• Specific gravity: 3.5</li> <li>• Bulk density: 0.52 kg/l or 32 lbs/cu.ft.</li> <li>• Particle size*               <ul style="list-style-type: none"> <li>- Disc Centrifuge – mean diameter (Dn): 0.22 µm</li> <li>- Light Scatter – calculated mean (OD): 0.31 µm</li> </ul> </li> </ul>
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\*Particle Size results are dependent upon the measurement technique. Please contact your local Tronox Technical Service representative for additional information.

**Additional Information:** TiONA® 8140 conforms to:

- ASTM D476 Type III
- BS EN ISO 591-1:2000 Type R3
- ECOIN: listed under EINECS number 236-675-5
- CAS number 13463-67-7
- Color Index 77891, Pigment White 6

**Regulatory Status:** TiONA® 8140 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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