

# TiONA® 880

## PRODUCT DATA SHEET

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

**Description:** TiONA® 880 is a high performance, superdurable chloride-process rutile titanium dioxide pigment. It provides exceptional weathering properties in both coatings and plastics applications. In addition to its unrivaled weathering characteristics, it offers very good optical properties as well as optimum dispersibility and processing efficiency.

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| <b>Key Features:</b> | <ul style="list-style-type: none"> <li>• Super durable product</li> <li>• Excellent chalk resistance</li> <li>• Excellent gloss retention</li> <li>• High tint strength and gloss</li> </ul> | <ul style="list-style-type: none"> <li>• High opacity</li> <li>• Outstanding dispersibility</li> <li>• Excellent yellowing resistance</li> </ul> |
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| <b>Applications:</b> | <p>TiONA® 880 is recommended for evaluation in:</p> <ul style="list-style-type: none"> <li>• Critical exterior weathering applications</li> <li>• Water and solvent based coatings</li> <li>• Architectural roof coatings</li> <li>• Coil coatings</li> <li>• Marine and protective coatings</li> </ul> | <ul style="list-style-type: none"> <li>• Powder coatings</li> <li>• Automotive, OEM and refinishing systems</li> <li>• Industrial maintenance coatings</li> <li>• Aerospace coatings</li> <li>• Durable PVC plastics</li> </ul> |
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| <b>Typical Properties:</b> | <ul style="list-style-type: none"> <li>• TiO<sub>2</sub> content: 91%</li> <li>• Surface treatment: Alumina, silica, organic</li> <li>• Oil absorption: 19 g/100g</li> <li>• pH: 7.5</li> <li>• Specific gravity: 4.0</li> <li>• Bulk Density: 1.1 kg/l or 69 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.

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| <b>Additional Information:</b> | <p>TiONA® 880 conforms to:</p> <ul style="list-style-type: none"> <li>• ASTM D476 Type IV,V</li> <li>• BS EN ISO 591-1:2000 Type R2</li> <li>• ECOIN: listed under EINECS number 236-675-5</li> <li>• CAS number 13463-67-7</li> <li>• Color Index 77891, Pigment White 6</li> </ul> |
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| <b>Regulatory Status:</b> | <p>TiONA® 880 has a wide range of regulatory approvals for various applications worldwide. Please see <a href="http://www.tronox.com">www.tronox.com</a> or contact your Tronox sales representative for additional information. Regulatory information requests may also be submitted at <a href="mailto:chemprodsteward@tronox.com">chemprodsteward@tronox.com</a>.</p> |
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