

Description: TiONA® 128 is an alumina/zirconia modified chloride-process rutile titanium dioxide pigment, designed as a multipurpose product for the broadest range of applications, combining excellent optical properties with good durability.

- Key Features:**
- Good durability
 - Excellent optical properties
 - Ease of dispersion
 - High gloss
 - Excellent opacity
 - High tint strength
 - Very clean tint tone

- Applications:** TiONA® 128 is recommended for evaluation in:
- Decorative architectural coatings - interior and exterior
 - Water and solvent based industrial coatings
 - Automotive, OEM and refinish
 - Powder coatings
 - Marine and protective coatings
 - Low VOC/high solids formulations

- Typical Properties:**
- | | |
|----------------------------|----------------------------|
| • TiO ₂ content | 95% |
| • Surface treatment: | Alumina, zirconia, organic |
| • Oil absorption: | 18g/100g |
| • pH (10% suspension): | 7.3 |
| • Specific gravity: | 4.1 |

- Additional Information:** TiONA® 128 conforms to:
- ASTM D476 - 00(2000) Type III and IV
 - 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® 128, 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.

TiONA® 128 was previously known as Cristal 128.

TiONA® is a Registered Trademark in the United States and other countries around the world.

Unless otherwise provided by applicable law, nothing contained in this literature shall be deemed a representation or warranty of any kind, either expressed or implied. The recommendations and suggestions given in this literature are presented for your own investigation and verification. The products of the National Titanium Dioxide Co. Ltd. (Cristal), its subsidiaries and affiliates ("Seller") are sold only on the basis of conforming to specifications, and subject to Seller's standard Terms and Conditions of Sale, but without warranty, expressed or implied, in law or in fact, of merchantability or fitness for a particular purpose and upon the condition that purchasers make their own tests to determine the suitability of such products for their particular purposes. Statements concerning the possible use of Seller's products or processes described are not intended as recommendations or permission to use the same in the infringement of any patent, or to practice a patented invention without a license. By reason of a lack of knowledge as to specific end uses of this product, no representation or warranty is made as to the conformance of the product with food contact laws or regulations. See the Safety Data Sheet (SDS) for this product for safety information prior to use.

This document does not constitute a specification. Product Specifications are available on request.

07/13