

TiONA[®] 233

PRODUCT DATA SHEET

www.tronox.com

Description: TiONA[®] 233 is a blue tint tone, rutile titanium dioxide pigment, manufactured by the advanced chloride process. Its surface treatment has been optimized to provide the ultimate combination of optical efficiency, dispersion and processing performance along with excellent colour stability/resistance to UV. It is particularly suited for producing highly loaded masterbatches and critical thin films requiring good durability.

- Key Features:**
- Excellent colour stability
 - Outstanding dispersion
 - Outstanding brightness and cleanliness of mass tone
 - Good UV durability
 - Good high temperature processing
 - High tint strength with blue tint tone
 - Hydrophobic

- Applications:** TiONA[®] 233 is recommended for evaluation in:
- High and general purpose, semi-durable compounds and masterbatch
 - Polyolefins – interior and exterior
 - Engineering polymers requiring resistance to discolouration
 - Flexible and rigid packaging
 - Agricultural film
 - Footwear

Typical Properties:	<ul style="list-style-type: none"> • TiO₂ content: 97% • Surface treatment: Alumina, organic • Specific gravity: 4.1 • Bulk density: 1.1 kg/l or 69 lbs/cu.ft.
----------------------------	---

- Additional Information:** TiONA[®] 233 conforms to:
- ASTM D476 Type II, III
 - BS EN ISO 591-1:2000 Type R2
 - ECOIN: listed under EINECS number 236-675-5
 - CAS Number 13463-67-7
 - Colour index 77891, Pigment White 6

Regulatory Status: TiONA[®] 233 has a wide range of regulatory approvals for various applications worldwide. Please see www.tronox.com or contact your Tronox sales representative for additional information. Regulatory information requests may also be submitted at chemprodsteward@tronox.com.

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 Tronox Holding plc, 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. 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.