

TiONA® 813

PRODUCT DATA SHEET

www.tronox.com

Description: TiONA® 813 is a heavily treated, chloride-process, rutile titanium dioxide pigment, specifically designed to give high opacity and tint strength while maintaining good film integrity in high PVC flat emulsion paints. TiONA® 813 provides easy incorporation and excellent stability in finished paints.

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

- Applications:** TiONA® 813 is recommended for evaluation in:
- High PVC flat interior emulsion and solvent coatings
 - Architectural coatings
 - Printing inks not requiring gloss

Typical Properties:	• TiO ₂ content:	87%
	• Surface treatment:	Alumina, silica, organic
	• Oil absorption:	37g/100g
	• pH:	8.0
	• Specific gravity:	3.7
	• Bulk density:	0.7 kg/l or 44 lbs/cu.ft.
	• Particle size*	
	- Disc Centrifuge – mean diameter (Dn):	0.23 µm
	- Light Scatter – calculated mean (OD):	0.33 µm

*Particle Size results are dependent upon the measurement technique. Please contact your local Tronox Technical Service representative for additional information.

- Additional Information:** TiONA® 813 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® 813 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.