TiONA® 8140

PRODUCT DATA SHEET

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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

Typical Properties:

• TiO_2 content:	83%
• Surface treatment:	Alumina, silica
• Oil absorption:	40 g/100g
• pH:	8.9
• Specific gravity:	3.5
• Bulk density:	0.52 kg/l or 32 lbs/cu.ft.
• Particle size*	
- Disc Centrifuge – mean diameter (Dn):	0.22 µm
- Light Scatter – calculated mean (OD):	0.31 µm

*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 or contact your Tronox sales representative for additional information. Regulatory information requests may also be submitted at chemprodsteward@tronox.com.

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