TiONA® 828E

PRODUCT DATA SHEET

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Description: TiONA® 828E is a high performance, chloride-process, rutile titanium dioxide pigment, designed for applications requiring very low levels of dissolved salts and correspondingly high specific resistance. Similar to TiONA® 828, it provides an outstanding combination of ease of dispersion and excellent optical properties in a wide range of coating applications.

Key Features:

- Very high specific resistance
- Highest gloss
- Excellent opacity
- High tint strength
- High brightness
- Blue tint tone
- Good durability
- Ease of dispersion

Applications: TiONA® 828E is recommended for evaluation in:

- Electrodeposition coatings
- Automotive coatings
- Industrial coatings
- Interior coatings
- Solvent and water based coatings

Typical Properties:

• TiO_2 content	95%
• Surface treatment:	Alumina, zirconia, organic
• Oil absorption:	18 g/100g
• pH:	7.5
• Specific gravity:	4.1
• Bulk density:	0.96 kg/l or 60 lbs/cu.ft.
• Particle size*	
- Disc Centrifuge – mean diameter (Dn):	0.19 µm
- Light Scatter – calculated mean (OD):	0.28 µm

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

Additional Information: TiONA® 828E 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
- Color Index 77891, Pigment White 6

Regulatory Status: TiONA® 828E 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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