

# TITANIUM DIOXIDE

T e c h n i c a l     D a t a

# CR-822

TRONOX® CR-822 rutile titanium dioxide pigment combines high durability, gloss retention, and chalk resistance in exterior applications with excellent optical properties. The blue tint tone and high durability of CR-822 make it an excellent choice for coatings and plastic applications.

## Applications

Interior and exterior industrial coatings ■ Powder coatings ■ Coil finishes ■ Marine finishes ■ Solvent and water based coatings ■ Vinyl siding ■ Vinyl window profiles ■ Vinyl fencing ■ Composite decking ■ Vinyl pipe

## Typical Properties<sup>1</sup>

TiO <sub>2</sub> content %	92
Density	
Specific gravity	4.0
Bulk	0.8 kg/l or 50 lbs/cu.ft.
Oil absorption	19
pH	7.8
Specific Resistance, kohms-cm.	.7
Average particle size <sup>2</sup> (µm).	0.19
Durability	Very High
Specification	
ASTM D476- 00(2005)	Type II, III, IV, V, VI, VII
ISO 591-1:2000	R2
NSF/ANSI standard.	14/61
FDA	Food Contact Substance <sup>3</sup>

<sup>1</sup>Typical properties not to be construed as specifications

<sup>2</sup>By electron microscope

<sup>3</sup>Limitations apply. Contact Tronox representative for more information.

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