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PRODUCT DATA SHEET

TITANIUM DIOXIDE (RUTILE)

Grade: RC-808
(Chloride Process Pigment)

Synonym: Titanic Anhydride, Titanic Oxide

CAS No.: 13463-67-7

SPECIFICATIONS:

GENERAL DESCRIPTION

Kemox RC-808 is a chloride process rutile titanium dioxide pigment that is surface modified with alumina, zirconium and silica. It is designed to be a universal grade suitable for multipurpose applications where outstanding optical properties, very good gloss retention and chalk resistance are required. **RC-808** gives high gloss, haze free finishes, high brightness with a blue undertone. It is easily dispersed, has very high tinting strength and produces

APPLICATION

RC-808 is recommended for automotive, industrial and architectural finishes. It is also recommended for coil coatings, radiation cured finishes emulsion paint systems, powder coatings, water-borne finishes and printing inks. It can also be used for letterpress gravure, polyamide and inks where low abrasivity pigments are required.

TYPICAL PROPERTIES

TiO₂ content: 92% (min)
Rutile Content: 98% (min.)
Treatment: Al, Zr, Si
Oil Absorption: 21 g oil/100g pigment (max)
PH: 5.0 – 8.0
Average particle diameter: 0.19 – 0.22 μm
Chalk Resistance: Highest
Moisture: 1.0% (max)
Specification: ASTM-D476-84 type II, III

PACKING: 25 kg Multi-wall Paper Bags