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PRODUCT DATA SHEET

TITANIUM DIOXIDE (RUTILE)

Grade: RC-813
(Chloride Process Pigment)
Synonym: Titanic Anhydride, Titanic Oxide
CAS No.: 13463-67-7

SPECIFICATIONS:

GENERAL DESCRIPTION

Kemox RC-813 is a highly treated rutile pigment produced by the chloride process. It has been surface treated with alumina and silica. It has the highest dry hiding properties of all the pigments. **RC-813** has the highest durability in exterior weathering. It has excellent dispersibility.

APPLICATION

RC-813 can be used in both interior and exterior low gloss and flat paints and coatings – both solvent and water based. It finds applications in interior flat wall paints, exterior low gloss or flat house paints, low gloss maintenance paints, low gloss or flat chemical coatings etc. RC-813 can be described as a universal pigment for all coatings formulated at higher percentage pigment volume concentrations.

TYPICAL PROPERTIES

TiO ₂ content:	80% (min)
Rutile Content:	98% (min.)
Bulk density:	0.55 g/cc
Treatment:	Al, Si
Oil Absorption:	44 g oil/100g pigment (max)
PH:	5.0 – 8.5
Average particle diameter:	0.16 – 0.22 µm
Chalk resistance:	Highest
Moisture:	2.5% (max)
Specification:	ASTM-D476-84 type II, III

PACKING: 25 kg Multi-wall Paper Bags