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KRONOS 2310 Data Sheet

TITANIUM DIOXIDE PIGMENT

KRONOS 2310 pigment is a chloride process low oil absorption rutile pigment designed for architectural, industrial and automotive finishes where outstanding optical properties, very good gloss retention and chalking resistance are required. KRONOS 2310 is a universal grade which can be used to replace several titanium dioxide grades.

Typical Physical Properties	
Crystal Structure	Rutile
Specific Gravity	4.0
One Pound Bulks	0.0300 gallon
Oil Absorption plus or minus 10%	17.0
Retained on 325 Mesh	0.01% maximum
Chalk Resistance	High
pH	7.0-8.3

- **Composition:**

- TiO₂ 93% minimum
- Remainder - Principally alumina, silicon and zirconium

- **Tentative Specifications**

- ASTM D476-84, Type II, III & IV
- U.S.A.S. Z66.1 - 1964

APPLICATIONS

PAINT: KRONOS 2310 pigment is recommended for use in architectural, industrial finishes, coil coatings, radiation cured finishes, electrodeposition and high-solids systems, emulsion paint systems, powder coatings, water-borne finishes and printing inks. KRONOS 2310 pigment produces high gloss, haze-free finishes, high brightness with a neutral tone, brilliant clean shades in tints and is very readily dispersed.

PLASTICS: KRONOS 2310 pigment is recommended for plastisol and gel coat applications. It may also be used in plastics applications where a less blue undertone is desired (for general plastics applications, use KRONOS 2073 pigment).

KRONOS 2310 is available as an aqueous slurry KRONOS 4310.

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