



TECHNICAL DATA SHEET

HITOX[®] SF Slurry Titanium Dioxide Pigment Slurry

ASTM D-476-84, Type II & III • DIN 55912 • ISO 591 Classification R2

DESCRIPTION

HITOX SF Slurry is a 66% light buff, high quality, cost effective, rutile titanium dioxide waterborne dispersion formulated to insure low settling and anti-bacterial growth for use in non-white applications. HITOX SF Slurry is primarily for use in thin films or other coating applications requiring higher opacity, better dispersion and higher gloss characteristics. HITOX SF Slurry offers savings both in the reduction of expensive organic and inorganic pigments as well as some of the white titanium dioxide in select formulations, while maintaining the necessary gloss and opacity properties. HITOX SF Slurry is well suited for waterborne paints and coatings applications, including architectural, maintenance, metal finishes, coil backing, primers and wood coatings, paperboard, caulks and sealants.

SF Slurry

CHEMICAL ANALYSIS (Typical)

TiO ₂ , %	95.00
Fe ₂ O ₃ , %	< 2.0
SiO ₂ , %	1.25
Al ₂ O ₃ , %	0.40

PHYSICAL PROPERTIES (Typical)

Solids Weight, %	66
Color	Light Buff
Crystal Form	Rutile
Median Particle Diameter, (µm)	0.45
Viscosity (Brookfield), cP	700 - 1000
Slurry Density, lbs./Gal.	16.5 – 17.5
Pigment, lbs./Gal	11
Hegman Grind	7.0 +
+325 Mesh Retention, %	0.01
Slurry pH	7

The information herein is believed to be correct and reliable; however, no warranty is given concerning the accuracy of these data, merchantability or fitness for a particular use.