

HITOX[®] SF

Product Data Sheet
Titanium Dioxide Pigment
ASTM D-476-84, Type II & III
DIN 55912
ISO 591 Classification R2

HITOX SF, Super Fine Color Pigment, is a unique and cost-effective, high quality, light buff color, rutile titanium dioxide for use in non-white applications. It is primarily for use in thin film or other coating and plastic applications requiring the highest opacity, best dispersion and highest gloss characteristics. HITOX SF 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 is well suited for paints and coatings applications, including architectural, maintenance, metal finishes, coil backing, primers and wood coatings, caulks and sealants, floor tiles, blown film and other plastic products.

PHYSICAL PROPERTIES (Typical)

Color	Light Buff
Crystal Form	Rutile
Median Particle Diameter (Sedigraph), Micron	0.45
Surface Area, m ² / gram	21
Oil Absorption (g. Oil / 100 g.)	22
Hegman Grind	7.0+
+ 325 Mesh Retention , %	0.01
Specific Gravity	4.1
Bulk Density (Loose), lbs. / ft. ³	38
Bulk Density (Tap), lbs. / ft. ³	61
pH Value	7

CHEMICAL ANALYSIS (Typical)

TiO ₂ , %	95.00
Fe ₂ O ₃ , %	< 2.0
SiO ₂ , %	1.25
Al ₂ O ₃ , %	0.40
Loss on Ignition (L.O.I.), %	0.90
Moisture at 110 degrees C, %	<0.50

Color Index Listing:

American Association of Textile Chemists and Colorists (AATCC) Listing:
- Code "HTX", C.I. Generic Name, C.I. Pigment White 6:1, C.I. #77891:1

Packaging:

HITOX SF, Titanium Dioxide, is available in 50 lb. (22.7 Kg) multi-wall paper bags. There are 50 bags per pallet. All pallets are stretch-wrapped prior to shipment. Bulk Bags are also available.

The information herein is believed to be correct and reliable. However, no warranty is expressed or implied regarding the accuracy of these data, and none is made as to the marketability of the material or its fitness for any purpose. The consumer accepts the responsibility of the conditions for liability of use of the products.

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