



HITOX[®] ULX Titanium Dioxide Pigment

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

DESCRIPTION

HITOX[®] ULX is an ultra-fine, high quality, cost effective light beige colored Rutile titanium dioxide pigment. HITOX[®] ULX will reduce the amount of expensive organic and inorganic pigments as well as replace some of the expensive white titanium dioxide in selected formulations. It is commonly used in paints and coatings (architectural, industrial, metal finishes, powder coating, coil backers, primers, wood coatings and other types of solvent and water base paint), caulks, sealants, floor tiles, PVC and other plastics.

ULX

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° C, %	< 0.50
pH Value	6.5 – 7.5

PHYSICAL PROPERTIES (Typical)

Color	Light Beige
Crystal Form	Rutile
Median Particle Diameter, (µm)	0.75
Surface Area, m ² /gm	16
Oil Absorption (g. Oil/100g)	23
Hegman Grind	7.0 +
+325 Mesh Retention, %	< 0.01
Specific Gravity	4.1
Bulk Density (Loose), lbs./ft. ³	40
Bulk Density (Tap), lbs./ft. ³	65

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.