



TIOPREM[®] 250 GRAY

Titanium Dioxide Pigment

DESCRIPTION

TIOPREM[®] 250 GRAY is a high performance gray colored inorganic titanium dioxide pigment. TIOPREM[®] 250 GRAY has excellent heat stability therefore making it ideal for use in high temperature applications not suitable for other pigments. TIOPREM[®] 250 GRAY is chemically inert, non-bleeding and non-migratory, with good durability & opacity. It disperses easily on high speed equipment and is commonly used in paint & coatings, plastics, paper, and other applications.

250 GRAY

CHEMICAL ANALYSIS (Typical)

TiO ₂ , %	88.00
Fe ₂ O ₃ (Composed of FeO 0.8%, Fe ₂ O ₃ 2.50%), %	3.30
SiO ₂ , %	1.50
Al ₂ O ₃ , %	0.40
Loss on Ignition (L.O.I.), %	2.20
Moisture at 110° C, %	< 0.5
pH Value	6.5 – 7.5

PHYSICAL PROPERTIES (Typical)

Color	Gray
Crystal Form	Rutile
Median Particle Diameter, (µm)	0.7
Oil Absorption (g. Oil/100g)	24
Hegman Grind	6.5 - 7.0
+325 Mesh Retention, %	< 0.01
Specific Gravity	4.0
Bulk Density (Loose), kg/m ³	640
Bulk Density (Tap), kg/m ³	1100
Apparent Density, Kg./L.	3.95

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.