



# TIOPREM<sup>®</sup> BEIGE

## Titanium Dioxide Pigment

**DESCRIPTION**

TIOPREM BEIGE is a high performance, beige colored, inorganic titanium dioxide pigment. TIOPREM BEIGE has excellent heat stability (300°C/572°F) therefore making it ideal for use in high temperature applications not suitable for other pigments. TIOPREM BEIGE 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.

**BEIGE**

**CHEMICAL ANALYSIS (TYPICAL)**

|                                    |           |
|------------------------------------|-----------|
| TiO <sub>2</sub> , %               | 95.0      |
| Fe <sub>2</sub> O <sub>3</sub> , % | < 2.0     |
| SiO <sub>2</sub> , %               | 1.25      |
| Al <sub>2</sub> O <sub>3</sub> , % | 0.40      |
| Loss on Ignition (LOI) (1200°), %  | 0.90      |
| Moisture at 110° C, %              | < 0.5     |
| pH Value                           | 6.5 – 7.5 |

**PHYSICAL ANALYSIS (TYPICAL)**

|  |         |
|--|---------|
| Color  | Beige   |
| Crystal Form                                 | Rutile  |
| Median Particle Size, (µm)                   | 0.5     |
| Oil Absorption, g oil/100g                   | 23 – 26 |
| Hegman Grind                                 | 7.0 +   |
| +325 Mesh Retention, %                       | < 0.01  |
| Specific Gravity                             | 4.0     |
| Bulk Density (Loose), (lbs/ft <sup>3</sup> ) | 38      |
| Bulk Density (Tap), (lbs/ft <sup>3</sup> )   | 61      |
| Lbs / U.S. Gallon                            | 33      |

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.