



# TECHNICAL DATA SHEET

## 8001 RUTILE TITANIUM DIOXIDE

LANSCO 8001 is a Rutile Grade Pigment without any surface treatment. 8001 can be used in primers, plastics, inks, colored formulations in industrial paints, road marking paints, rubber, ceramics, linoleum, leather, master batches, ceramics, welding electrodes, glazes, fillers and glass fiber enamels.

### CHEMICAL AND PHYSICAL PROPERTIES

Titanium Dioxide	97.5% (min)
Water Soluble Matter	0.50% (max)
Volatiles	0.50% (max)
Residue in 325 mesh	0.10% (max)
Oil Absorption	Range of 15-30
PH	Range of 6.0 – 8.0
Iron	0.014% (max)
P <sub>2</sub> O <sub>5</sub>	0.30% (max)
Relative Density	4.2
Rutile Content	90.0% (min)
Tinting Strength (Reynolds)	1500 (min)
Surface Treatment	Nil

### OTHER PROPERTIES

Acid, Alkali and Water Resistant	Excellent
Activity and Reactivity	Totally Inactive, Totally Inert
Electrical Resistance	Excellent
Compatibility	Universal

#### 8001 Advantages over Anatase:

High opacity – 25% more, better weather resistance, higher tinting strength and better weather resistance and gloss characteristics.

8/03

### LANSCO COLORS

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