



## TECHNICAL DATA SHEET

### Titanium Dioxide Rutile SHR-466

#### 1. Product Description

SHR-466 is a fine rutile pigment with inorganic coating and organic treatment suitable for wide range of plastics applications. It is designed for excellent brightness, blue undertone, low residue, low moisture pick-up and exceptional dispersibility.

#### 2. Technical Properties:

Parameters	Properties(Typical)
Rutile content (%)	≥98
TiO <sub>2</sub> content (%)	≥97
CIE L *(SCL)* <sup>1</sup>	Not less than
Tone(SCX)	≥3.5
Tint Strength (TCS)	≥1800
Oil Absorption(g/100g)	≤15
Residue (45µm sieve)	≤10 ppm
Water soluble salt(%)	≤0.6
Resistivity (Ω·M)	≥100
Volatile at 105°C (%)	0.20

#### 3. Application:

APPLICATIONS	APPLICATIONS
Engineering Polymers	Low Moisture, dispersibility
Styrene polymers	Dispersibility, colour, opacity
PVC (Rigid and flexible)	Dispersibility, opacity
ABS	Blue undertone
Polyethelene	Blue undertone
Masterbatch	Dispersibility, low moisture, colour