

# TYR-568 TDS



## Chloride Process

# TITANIUM DIOXIDE

### Product Description

TYR-568 is a general-purpose rutile titanium dioxide pigment manufactured by the chloride process and coated with  $Al_2O_3$  and special organic surface treatment. TYR-568 is specifically designed to show high processing performance where high concentrations of pigment are required in thermoplastic masterbatches.

### Product physical properties

Physical Property	Value
TiO <sub>2</sub> Content %	≥ 96.0
Rutile Content %	≥ 99.0
CIE L* (Linseed Oil System)	≥ 98.0
CIE b* (Linseed Oil System)	≤ 2.0
TCS (Tinting strength)	≥ 90
Oil Absorption g/100g	≤ 16.0
pH value	6.5-8.5
Volatile % at 105°C	≤ 0.3
Resistivity (Ω.m)	≥100
Sieve Residue % (26μm)	≤0.01

**Surface treatment:**  $Al_2O_3$ , and Organic treatments

**Graded standard:** ISO591:R2: ASTM D-476-84: II (IV)

### Product feature

- Bluish undertone
- Strong hiding power and strong tinting strength
- Excellent dispersibility in thermoplastics and dry blending operations
- High processing performance due to the minimal Effect on Melt Flow

### Application

- Engineering plastics like PE, PP, ABS, PVC
- Highly loaded thermoplastics masterbatches

### Safety & Health

If inhaled, move to fresh air immediately; If eye contacted, rinse thoroughly with plenty of water; call a physician if necessary.

### Product Packaging

The product packaging bag is comprised of three layers of paper, with each bag weighing 25 kg. Different types of packaging can be organized in accordance to consumer needs.

### Storage & Transportation

Products should be stored in a ventilated and dry storage in batches. Do not store product directly on the ground. They should be separated by items such as trays or plastic sheets. Keep out of contact with the reactive chemicals. Carefully load and unload during transportation. The same batch of products should be placed together to prevent packaging contamination/damage.

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