

H&I Chemicals Ltd

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SALES SPECIFICATION

TITANIUM DIOXIDE (RUTILE TYR-568)

Product Description

TYR-568 is general-purpose titanium dioxide (TiO₂) pigment produced by chloride process and coated with Al₂O₃ 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.

Typical Properties

TiO ₂ :	≥ 96.0%
Rutile ratio:	≥ 99.8%
L*:	≥ 98.0
b*:	1.7 ± 0.3
CBU:	≥ 14
Oil Absorption (g/100g):	≤ 16
Aqueous suspension pH:	6.5 ~ 8.5
105°C Volatile:	≤ 0.3%
Resistivity of aqueous extract (Ω.m):	≥ 100
26μm sieve residue:	≤ 0.01%

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Features

- Blush undertones
- High temperature resistance
- High tinctorial strength
- Strong dispersion
- Excellent processing performance

Applications

- Engineering plastics such as PVC, PE, PP and ABS
- PS and its copolymers, plastics, masterbatch, film blowing.

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