

H&I Chemicals Ltd

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SALES SPECIFICATION

TITANIUM DIOXIDE (RUTILE TYR-588)

Product Description

TYR-588 is general-purpose titanium dioxide (TiO₂) pigment produced by chloride process and coated with Al₂O₃ ZrO₂ and organic surface treatment resulting in high whiteness, high dispersion and high hiding power, widely used in paint, ink and other applications.

Typical Properties

TiO ₂ :	≥ 93.0%
Rutile ratio:	≥ 99.8%
L*:	≥ 98.0
b*:	1.6 ± 0.4
CBU:	≥ 12
Oil Absorption (g/100g):	≤ 20
Aqueous suspension pH:	6.5 ~ 8.5
105°C Volatile:	≤ 0.5%
Resistivity of aqueous extract (Ω.m):	≥ 100
45μm sieve residue:	≤ 0.01%
Water soluble matter:	≤ 0.5%

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Features

- Good whiteness
- High hiding power
- Strong dispersion

Applications

- Indoor and outdoor glossy, semi-glossy architectural coating
- Automotive re-finishing paint, coil coating, industrial coating, decorative coating
- Powder coating, wood lacquer
- Letterpress/ intaglio printing offset printing and other ink applications.

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