



Titanium Dioxide

TITANIUM DIOXIDE FOR COATINGS

TiO₂ ANATASE GRADE

► Characteristics:

"Zhonglong" ZL-001TC and ZL-110 (B101) TiO₂ are produced by sulfuric acid production and through special procedure, with good whiteness, easy dispersion, high hiding power etc. For widely indoor use application.

► Typical Properties:

Index	ZL-001TC	ZL-110(B101)
TiO ₂ Content (%)	≥ 98.5	≥ 98.5
Dry Powder Whiteness	≥ 80.0	≥ 95.0
Tint-reducing Power (Compared with the standard sample)	≥ 105	≥ 105
Oil Absorption (g/100)	≤ 26	≤ 26
105 °C Volatile (%)	≤ 0.5	≤ 0.5
45μm Residue (%)	≤ 0.5	≤ 0.3
PH of water suspension	6.5-8.5	6.5-8.5
Soluble salt	0.5	0.5

► Recommended application:

TiO₂ ZL-001TC and ZL-110(B101) are widely used in Ceramic, Paint, Printing ink, Plastic, Etc.

► Package and storage:

"Zhonglong" TiO₂ ZL-001TC and ZL-110(B101) are packaged by 25kgs bag or 1200kgs jumbo bags. It can be used for a long time, if it is avoided directly to contact with moist environment.

TiO₂ RUTILE GRADE

► Characteristics:

"Zhonglong" ZL-916RT and ZL-928RT TiO₂ is produced by sulfuric acid production. It adopts the silicon, aluminum composite inorganic coating and special surface treatment, with easy dispersion, high hiding power, high weather resistance etc. Both for indoor and outdoor coatings.

► Typical Properties:

Index	ZL-916RT	ZL-928RT
TiO ₂ Content (%)	≥ 94.0	≥ 93.0
Rutile Content (%)	≥ 97.0	≥ 97.0
Lightness (L*)	≥ 95.0	≥ 95.0
Tint-reducing Power (Compared with the standard sample)	≥ 105	≥ 105
Oil Absorption (g/100)	≤ 20	≤ 20
105°C Volatile (%)	≤ 0.5	≤ 0.5
45 μm Residue (%)	≤ 0.03	≤ 0.03
PH of water suspension	6.5-8.5	6.5-8.5
Surface treatment	Si,Al coating	Zr,Al coating

► Recommended application:

ZL-916RT and ZL-928RT is a universal pigment, it uses widely in interior and exterior paint, paper, plastic, ink, etc

► Package and storage:

"Zhonglong" ZL-916RT and ZL-928RT TiO₂ is packaged by 25kgs bag or 1000kgs jumbo bags. It can be used for a long time, if it is avoided directly to contact with moist environment.



ZHONGLONG
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