



# TITANIUM DIOXIDE

(ANATASE GRADE AND RUTILE GRADE)

HIGH QUALITY TITANIUM DIOXIDE FOR  
PAINTS, COATINGS, INKS, PLASTICS, CERAMICS



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Anatase Titanium Dioxide Produced by sulfuric acid process and through special procedure, with good whiteness, easy dispersion, high hiding power etc.

### ZL-001TC

TiO <sub>2</sub> (%)	≥ 98.5
Dry powder whiteness	≥ 80
Tinting Strength	≥ 105
Oil Absorption	≤ 26
105 C Volatile (%)	≤ 0.5
45um Residue ( % )	≤ 0.5
PH	6.5-8.5
Matter soluble in water	0.5
Recommended application	ceramic frit

### ZL-B101

TiO <sub>2</sub> (%)	≥ 98.5
Dry powder whiteness	≥ 95
Tinting Strength	≥ 105
Oil Absorption	≤ 26
105 C Volatile (%)	≤ 0.5
45um Residue ( % )	≤ 0.1
PH	6.5-8.5
Matter soluble in water	0.5
Recommended application	ceramics, paint, coating, paper, etc

### Low Niobium Grade:

### ZL-200N

TiO <sub>2</sub> (%)	≥ 98.5
Dry powder whiteness	≥ 85
Tinting Strength	≥ 105
Oil Absorption	≤ 26
105 C Volatile (%)	≤ 0.5
45um Residue ( % )	≤ 0.5
PH	6.5-8.5
Nb <sub>2</sub> O <sub>5</sub>	≤ 0.05
Recommended application	ceramics, enamel frit, paint, coating, paper, etc

### Fiber Grade:

### ZL-410F

TiO <sub>2</sub> (%)	≥ 98.5
L	≥ 97
a	≤ 1.0
b	≤ 0.6
FPV(60%TiO <sub>2</sub> + 40%PET) 30min, filter 5um	≤ 0.3
Fe (ppm)	≤ 50
45um Residue ( % )	≤ 0.02
105 C Volatile (%)	≤ 0.4
PH	6.0-8.0

Packages: 25kgs/bag, 1000kgs/bag, 1250kgs/bag

## Rutile Titanium Dioxide

### Sulphate Process

### ZL-998R

TiO <sub>2</sub> (%)	≥ 91
Content of Rutile %	≥ 95
Brightness %	≥ 95
Oil Absorption	≤ 20
PH	6.0-9.0
105 C Volatile (%)	≤ 0.8
45um Residue ( % )	≤ 0.02
Inorganic Treatment	Zr-Al Coated
Recommended Application	<ul style="list-style-type: none"> <li>• Carpentry paint</li> <li>• Ink</li> <li>• Automotive repair paint</li> <li>• Industrial paint</li> <li>• Architectural coating</li> <li>• Hard plastic</li> </ul>

### Sulphate Process

### ZL-948R

TiO <sub>2</sub> (%)	≥ 95
Content of Rutile %	≥ 96
Brightness %	≥ 94.2
Oil Absorption	≤ 19
PH	6.0-9.0
105 C Volatile (%)	≤ 0.8
45um Residue ( % )	≤ 0.02
Inorganic Treatment	Zr-Al Coated
Recommended Application	<ul style="list-style-type: none"> <li>• Masterbatch</li> <li>• Multilayer co-extruded film</li> <li>• Plastic pipe</li> <li>• Powder paint</li> </ul>

### Sulphate Process

### ZL-928R

TiO <sub>2</sub> (%)	≥ 91
Content of Rutile %	≥ 98
Brightness %	≥ 95
Oil Absorption	≤ 18
PH	6.0-9.0
105 C Volatile (%)	≤ 0.8
45um Residue ( % )	≤ 0.02
Inorganic Treatment	Yes
Recommended Application	<ul style="list-style-type: none"> <li>• Compound surface printing inks</li> <li>• High gloss reverse printing inks</li> <li>• Interior high gloss paint</li> </ul>

### Chloride Process

### ZL-950C

TiO <sub>2</sub> (%)	≥ 92.5
Content of Rutile %	≥ 99
Brightness %	≥ 95.1
Oil Absorption	≤ 20
PH	6.5-8.5
105 C Volatile (%)	≤ 0.5
45um Residue ( % )	≤ 0.02
Inorganic Treatment	Zr-Al Coated
Recommended Application	<ul style="list-style-type: none"> <li>• High-end decorative paint</li> <li>• Ink</li> <li>• Automotive repair paint</li> <li>• Industrial paint</li> <li>• Plastic</li> </ul>

Packages: 25kgs/bag, 500kgs/bag, 1000kgs/bag