

Sulfuric acid type titanium dioxide with gold-red color
High-quality titanium dioxide SP-828

Product Overview

SP-828 is a new generation of high-end general-purpose rutile titanium dioxide developed by our company. It adopts advanced color and particle size control technologies as well as zirconium oxide and aluminum oxide inorganic coating processes. It features easy dispersion, excellent gloss, high brightness, strong covering power, and high weather resistance. It is the top product of sulfuric acid method titanium dioxide and is suitable for applications in coatings, inks, etc., and can also be used for plastic coloring.

Product performance

High weather resistance

High gloss

Blue base color

Good leveling property

Excellent dispersibility

High coverage

Low abrasion

Main application scope

Various architectural coatings, industrial paints, anti-corrosion paints, inks, powder coatings, color concentrates and plastic products, etc.

Technical requirements

Product quality standards: Q/PYTY1-201

Project	Indicators
TiO ₂ content% ≥	91
Whiteness (compared with standard sample)	Better
Brightness % ≥	95
Tint-reducing power, Reynolds number ≥	1920
Content of rutile % ≥	98

Technical Data Sheet

Project	Indicators
Volatile at 105C, % ≤	0.8
Water soluble%≤	0.4
PH value	6.0-9.0
Oil absorption g/100g ≤	19
Dispersibility, Hetman ≥	6.5
Sieve residue (45um), % (m/m) ≤	0.02
Specific resistance Om ≥	80
ISO591-1; 2000(E)	R2
ASTM D476-00	V

Testing method: All reagents are of analytical purity. The water used is of the third grade as specified in GB 6682-1992 or water of the corresponding purity.