

Chloride-type titanium dioxide pigment of rutile type
High-quality titanium dioxide pigment SP-898

Product Overview

SP-898 is a bright titanium dioxide pigment produced by the chlorination process and treated with special inorganic and organic methods. SP-898 possesses outstanding optical properties and durability. This product has excellent gloss, good dispersion, strong covering power, coloring power, and good outdoor powder resistance. The SP-898 product is particularly suitable for applications in polyolefin resins, polyvinyl chloride resins, ABS resins and other plastics, as well as high-gloss paints, sheet coatings, inks, papermaking and other fields.

Product performance

High weather resistance

High gloss

Blue base color

Good leveling property

Excellent dispersibility

High coverage

Low abrasion

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% ≥	94
Whiteness (compared with standard sample)	优于
Brighrness % ≥	96
Tint-reducing power, Reynolds number ≥	1920
Content of rutile % ≥	98
Volatile at 105C, % ≤	0.8

Technical Data Sheet

Project	Indicators
Water soluble% \leq	0.4
PH value	6.0-9.0
Oil absorption g/100g \leq	19
Dispersibility, Hetman \geq	6.5
Sieve residue (45um), % (m/m) \leq	0.02
Specific resistance Om \geq	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.