

Chloride-type titanium dioxide pigment
High-quality titanium dioxide pigment SP-80

Product Overview

SP-800 is a titanium dioxide pigment of rutile type produced by the advanced chlorination process. As a general-purpose product, it has an excellent particle size distribution. After being treated with inorganic silicon and aluminum, it possesses excellent coloring power, covering power and other properties. The SP-800 product has excellent product characteristics and is recommended for applications such as decorative paper, coatings, inks, etc. It is not recommended for use in fields with high weather resistance requirements.

Product performance

High weather resistance

High gloss

Blue base color

Good leveling property

Excellent dispersibility

High coverage

Low abrasion

Application scope

Various plastics, color masterbatches, PVC, inks and plastic products, etc.

Technical requirements

Product quality standards: Q/PYTY1-201

Project	Indicators
TiO ₂ content% ≥	93
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	6.5
Dispersibility, Hetman \geq	5.75
Sieve residue (45um), % (m/m) \leq	0.02
Specific resistance Om \geq	60
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.