

Sulfuric acid type titanium white powder with rutile structure

Plastic specialized type titanium white powder sp-358

Product Overview

Using zinc salts as stabilizers, and a multicomponent coating of zirconium, aluminum, silicon, and phosphorus. It has high blue phase content, easy dispersion, high weather resistance, high covering power, low oil absorption, good system compatibility, and excellent processing rheology. It is a high-quality plastic-specific titanium white powder.

Product performance

High weather resistance

High gloss

Blue base color

Low oil absorption

Excellent dispersibility

High coverage strength

Main 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% ≥	95
Whiteness (compared with standard sample)	Better
Brighrness % ≥	94.5
Tint-reducing power, Reynolds number ≥	1850
Content of rutile % ≥	96
Volatile at 105C, % ≤	0.8
Water soluble%≤	0.4

Technical Data Sheet

Project	Indicators
PH value	6.0-9.0
Oil absorption g/100g \leq	19
Dispersibility, Hetman \geq	5.75
Sieve residue (45um), % (m/m) \leq	0.02
Specific resistance Om \geq	60

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.