



Technical Data Sheet

Rutile Titanium Dioxide R6618T

PRODUCT DESCRIPTION

CAS 1346367-7

ASTM D47600(2005) Type II,III

R6618 is a rutile titanium dioxide pigment produced by zirconium, aluminum inorganic and organic surface treated, designed to give average particle size distribution, good whiteness, high gloss, good dispersion, good hiding power and high weather resistance.

APPLICATION

Coating

Ink

Leather

Paints

Plastics

Rubber

质量指标	Quality index	质量要求 Technical requirement
二氧化钛含量, %	The content of titanium dioxide ,%	≥94.0
亮度, %	Brightness ,%	≥97.5
吸油量, g/100g	Oil absorption ,g/100g	≤19.5
水悬浮液 PH 值	PH value of aqueous suspension	6.5~8.5
消色力（与标样比）, %	Tinting Strength(Compared with the standard sample) , %	≥115
金红石含量, %	The content of rutile	≥98.0
油分散性（黑格曼数）	Oil dispersion (Hegman)	≥6.0
筛余物（45 μm）, %	Residue on sieve(45 μm) ,%	≤0.02
电阻率, Ω·m	Resistivity, Ω·m	≥80

PACKING AND STORAGE

25KG paper-plastic composite bag; Keep it in dry and cool place.