

TITANIUM DIOXIDE

Technical Data Sheet



NAME

TITANIUM DIOXIDE RUTILE R-618

KEY FEATURES

R-618 is a sulphate route rutile titanium dioxide. It has an unparalleled hiding power due to the unique hydrolysis and calcination process. Advanced, fine grinding process make the particle size distribution more uniform and higher gloss. As a result of a special surface treatment, R-618 has a better weather resistance, lower oil absorption, better leveling property.

CLASSIFICATION

ASTM D476-00(2000) Type II ISO591-1:2000 Type R2 EINECS number 236-675-5
CAS number 13463-67-7 Color Index 77891, Pigment White 6

APPLICATIONS

Coatings, Ink, Paper and other fields

QUALITY STANDARD

ITEM	UNIT	SPEC
TiO ₂	%	≥ 93.5
Loss at 105°C	%	≤ 0.5
CIE L*		≥ 95.1
CIE b*		≤ 3.0
Residue in 45μm sieve	%	≤ 0.01
Resistivity		≥ 50 Ωm
Dispersibility	Hegman	≥ 6.0
Oil absorption	g/100g	≤ 20
PH		6.0 ~ 8.5
Tintorial power		≥ 1900
Rutile crystal content	%	≥ 97.0
Inorganic coating		Zr, Al



PACKING

25KG compound paper bag. 500kg and 1000kg packing available at request.

a professional manufacturer of TITANIUM DIOXIDE pigment

Panzhuhua Haifengxin Chemical Industry Co., Ltd.

Add: No.70, Taiyuan Ave., V&Ti High-tech Industry Park, Panzhuhua, Sichuan, China 617064

Tel: +86 812 6210138 Fax: +86 812 6210199 URL: www.tioxite.com Email: overseas@tioxite.com