

TITANIUM DIOXIDE

Technical Data Sheet



NAME

TITANIUM DIOXIDE RUTILE R-616S

KEY FEATURES

R-616S is a sulphate route rutile titanium dioxide. Its inhydrolysis and calcinationa process are specially designed and controlled, after sophisticated grinding, R-616 features fine particle size, low oil absorption, and better levelling property thanks to special surface treatment.

CLASSIFICATION

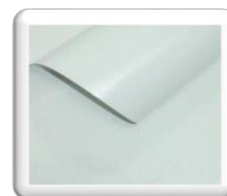
ASTM D476-00(2000) Type II ISO591-1:2000 Type R2 EINECS number 236-675-5
CAS number 13463-67-7 Color Index 77891, Pigment White 6

APPLICATIONS

PVC rolling film, masterbatch and other soft plastic products.

QUALITY STANDARD

ITEM	UNIT	SPEC
TiO ₂	%	≥ 96.0
CIE L*		≥ 95.1
CIE b*		≤ 3.00
Loss at 105°C	%	≤ 0.5
Residue in 45μm sieve	%	≤ 0.01
Resistivity		≥ 50 Ωm
Dispersibility	Hegman	≥ 6.0
Oil absorption		≤ 15
pH		6.0 ~ 8.5
Tinctorial power		≥ 1900
Rutile crystal content	%	≥ 96.0
Inorganic coating		Zr, Al



PACKING

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

a professional manufacturer of TITANIUM DIOXIDE pigment

Panzhihua Haifengxin Chemical Industry Co., Ltd.

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

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