

Technical Data Sheet

Titanium Dioxide R828

R828 is a high performance chloride process rutile titanium dioxide, surface treated by ZrO₂, Al₂O₃ and organic, the blue tint tone, high gloss, high durability, high hiding power, low oil absorption and excellent dispersity.

Applications:

Internal and external building coating, wood paint, industrial paint, powder coating, printing ink, high- grade paper, PE masterbatch and plastic profile.

Item	Value
TiO ₂ %	94 min
Rutile content %	99 min
Reducing power (Reynold's Number)	1900
Surface treatment	Zr, Al
Organic treatment	Yes
Oil absorption (g/100g)	16 max
Dispersity um	13 max
Matter volatile at 105°C	0.5 max
Sieve residue (45 um) %	0.01 max
Whiteness %	98.5 min
Resistivity (Ω.m)	9000 min
PH value	6.5-8.0

Basic Information:

Name:	Titanium Dioxide (TiO ₂)
CAS NO.:	13463-67-7
EINECS NO.:	236-675-5
Colour Index:	77891, pigment white 6
ISO591-1:2000:	R2
ASTM D476-84:	III, IV
Appearance:	White powder
Specific gravity:	4.0 g/cm ³

Package and Storage:

25kg woven bag, craft bag or 1000kg big woven plastic bag.

The product is a kind of white powder which is safe, nontoxic and harmless. Keep from moisture during transport and should be stored in a cool, dry condition. Avoid breathing dust when handling, and wash with soap & water in case of skin contact. For more details, please refer to the MSDS.