

JTCR-539

Chloride TiO₂

JUTA Titanium
Dioxide
TiO₂

Description

JTCR-539 is a high performance chloride process rutile titanium dioxide, surface treated by ZrO₂, Al₂O₃ and organic, the blue phase, high gloss, high durability, high hiding power, low oil absorption and excellent dispersity of JTCR-539 make it an excellent choice for plastic and coatings applications.



Specification

Item	Unit	Value	Chemical Element	Titanium dioxide (TiO ₂)
TiO ₂ Content(m/m)	% min	94.0		/rutile (R type)
Rutile Content	% min	99.0		ISO591:R2
Sieve Residue	% max	0.01	Category	ASTM D-476-84: II (IV)
Moisture at 105°C	% max	0.5	Color Index NO.	White pigment 6 (77891)
Tint Strength	Reynolds	2000	CAS NO. 13463	13463-67-7
Oil Absorption	g/100g max	18	EINECS NO. 236	236-675-5
Resistivity	Ω.m	80	Specific Gravity	4.1g/cm ³
pH		6.5-8.0	Features	Excellent whiteness
Sur face Treat		Zr/Al		Bule tone
Organic		Yes		Narrow particle size distribution
Whiteness	% min	98.5	Recommend Application	Coating
Dispersity	μm max	13		Plastics
b*value	max	2.0	Package	25kg/ paper bag or
				1000kg/ woven super bag