

TITANIUM DIOXIDE

Property & Usage

SumTac™ Titanium Dioxide (TiO₂) is a nonpoisonous, fine and even particle. It has good optical performance, strong covering and coloring power; small quantity to use may make nice color of paint and very stable chemical characters against acid, alkali or heat.

Used widely in painting, printing oil, paper making, plastic, rubber, artificial fiber, welding electric, enamel, ceramic, electric appliances and construction material etc.

Technical Data Sheet (TDS-9900)

TITANIUM DIOXIDE	ANATASE TYPE	RUTILE TYPE	ENAMEL TYPE
TiO ₂ content	98% min.	92% min.	98.5% min.
Color (compared with standard)	not lower than	not lower than	not lower than
Tint-reducing power (compared with standard)	100	-	-
Volatiles (105 deg C)	0.5% max.	0.5% max.	0.5% max.
Water soluble	0.5% max.	-	-
PH of water suspension	6.5 - 8.0	6.0 - 8.0	-
Oil absorption (g/100g)	26 max.	19 max.	-
Residue (in 45um)	0.1% max.	0.1% max.	0.3% max.
Resistivity of water extract (Ωm)	20 min.	80 min.	-
Fe ₂ O ₃ +SO ₃ +P+SiO ₂	-	-	0.8% max.

Package & Notes

Package	20'FCL load	20'FCL palletized
25kg net kraft polybag/plastic bag	20mt (800bags)	16mt (640bags)
HS Code	CAS Number	EC# (EINECS#)
32061110/28230000	13463-67-7/1317-70-0	236-675-5/215-280-1
Standard	Storage	
GB/T 1706-2006	In cool place, avoid fire and high temperature.	

