

PROCESS CATALYST TYTAN TIPT

Technical Data Sheet

Chemical Description

Product Description	Tetra isopropyl titanate
CAS Number	546-68-9
EC Number	208-909-6

Specifications

Colour, APHA	100 Max.
Ti Content, %	16.50 ~ 16.90
(as TiO ₂ Content, %)	(27.50 ~ 28.20)
Specific Gravity, d ₄ ²⁵	0.950 ~ 0.970
Chlorides, ppm	50 Max.

* Colour is measured ex-work and will age over the time.

Physical Properties

Appearance	Clear pale yellow liquid
Viscosity, mPa.s at 25 °C	c.a. 3
Flash Point, °C	c.a. 45
Initial Boiling Point, °C	240

Applications

Tytan TIPT is a very reactive primary titanate that will hydrolyse immediately in contact with moisture.

Tytan TIPT is mainly used as catalyst for esterification, trans-esterification and olefin polymerization.

Tytan TIPT can also be used selectively as an adhesion promoting and cross-linking agent for hydroxylic compounds or heat and corrosion resistant coatings. **Tytan TIPT** is most suitable for use in the glass and glass fibre manufacturing. **Tytan TIPT** can only be used as an additive to solvent based products.