

ROYCE INTERNATIONAL

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TETRA ISO PROPYL TITANATE (TIPT) (Titanium -Iso Propoxide) TECHNICAL DATA SHEET

Specifications :

PROPERTY	VALUE
Structural Formula	Ti (C ₃ H ₇ O) ₄
Appearance	Clear Pale Yellow Liquid
Molecular Weight	284
Tio ₂ Content (%)	27.8 to 28.6'
Specific Gravity (at 25°C)	0.96 to 0.98
Viscosity (mPas)	3
Boiling Point (°C/mmHg)	120/10; 232/760
Flash Point (°C)	45
Pour Point (°C)	15 to 18
Free Chloride (PPM)	<100
Color (APHA)	<100
Volatile (%)	<1.5
CAS Number	546-68-9

Application Areas :

1. As a Catalyst : Esterification, Trans-esterification reaction & Polymerization of Epoxys, Phenolics and.Silicons.
2. As a Cross Linking agent : Wire enamels, Surface coatings, Printing Inks, Silicon RTV Compounds and in Olefin Polymerization System.
3. As a Surface Modifier : Adhesion promoter, Wax & Oil additive, and in Scratch resistant glass.

Packing : 190 Kg. M. S. Drum.

Handling : Tetra Iso Propyl Titanate hydrolyzes rapidly upon exposure to moisture to form TiO₂ and Iso propanol. To maintain high quality material, all contact with air and moisture must be avoided. Store in a cool-dry area away from heat, sparks and open flame.

The above information is given in good faith but without any warranty. It is required to test the product for suitability of the product in your application. Use application and processing of the product are beyond our control and entirely at your responsibility. We will try to provide you product of consistent quality.