

# ROYCE INTERNATIONAL

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## TETRA N BUTYL TITANATE (TNBT) TECHNICAL DATA SHEET

### Specifications :

<b>PROPERTY</b>	<b>VALUE</b>
Structural Formula	Ti (C <sub>4</sub> H <sub>9</sub> O) <sub>4</sub>
Appearance	Clear Pale Yellow Liquid
Molecular Weight	340
Tio <sub>2</sub> Content (%)	23.1 to 23.7
Specific Gravity (at 25°C)	0.996 to 1.005
Viscosity (mPas)	75±5
Boiling Point (°C/mmHg)	120/1; 208/10
Flash Point (°C)	40
Free Chloride (PPM)	= 30
Color (APHA)	< 100
Volatile (%)	<1.5
Free Butanol (%)	<0.2
CAS Number	5593-70-4

### Application Areas :

1. As a Catalyst - Esterification, Trans-esterification reaction & Polymerisation of Epoxys, Phenolics and Silicons.
2. As a Cross Linking agent Wire enamels, Surface coatings, Printing Inks, Silicon RTV Compounds and in Olefin Polymerisation System.

**Packing :** 200 Kg. M. S. Drum.

**Handling :** Tetra N Butyl Titanate hydrolyzes rapidly upon exposure to moisture to form Tio<sub>2</sub> 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.*