

PATIL DYESTUFF INDUSTRIES	Specification of Finished Products	Doc. No.:	SPECS:BIPT
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BIPT

Tetra N-Butyl Iso-Propyl Titanate

TYPE

BIPT, Tetra N-Butyl Iso-Propyl Titanate is a highly reactive Organic Titanate. It is soluble in many organic solvents and is supplied with hundred percent active content. It is extremely sensitive to moisture. BIPT contains 80% Tetra Iso-Propyl Titanate and 20% Tetra N-Butyl Titanate. It has been developed to achieve a melting point much lower than IPTM.

USAGE

BIPT is widely used as a catalyst for reactions such as Esterification, Trans - Esterification and Olefin Polymerisation. It is recommended as a cross linking agent for wire enamels, surface coatings and printing inks. It is also used as a surface modifier, adhesion promoter, wax and oil additives and in the manufacture of scratch resistant glass.

PROPERTIES

PROPERTIES	UNIT	SPECIFICATIONS
Colour and appearance	-	Colourless to pale yellow clear liquid
Titanium in product as TiO ₂	%	26.75 Min.
Specific gravity at 25/25°C	-	0.960 – 0.990
Effect of water	-	Extremely rapid hydrolysis
Compatibility with solvents	-	Butanol, Hexane, Benzene, Toluene

SHELF LIFE

About 12 months if stored at temperature between 0 to +40°C in original sealed containers, in dry place.

HANDLING INSTRUCTIONS

1. BIPT is flammable hence keep them away from fire.
2. BIPT is highly sensitive to water. Hence, dry atmosphere is recommended in the storage place.
3. BIPT is quite sensitive to heat. Hence, keep them in sealed containers in a cool place.
4. In the case of spillage or leakage, put sand on it and immediately sprinkle the area with water.

PACKING

Type	ISO Tanker	IBC	M.S. Barrels
BIPT	As per Customer Requirement	1000 Kgs	190 Kgs

The above values based on our test methods are for guidance and are given in good faith without any warranty

PATIL DYESTUFF INDUSTRIES

C-1 B 67/605, 100 Shed Area, GIDC, Vapi- 396 195

Tel: +91-260-2450560 E-mail: info@patildyestuff.com