

PATIL DYESTUFF INDUSTRIES

TECHNICAL DATA SHEET

TETRA N-BUTYL TITANATE

Sr. No.	Test	Methods	Unit	Specification
1	Appearance	Visual	-	Clear Liquid, colorless to pale yellow
2	Specific Gravity @ 25 deg C	ASTM D-891	g/cm ³	0.991 – 1.00
3	Color	APHA	APHA	100 max.
4	% of TiO ₂	QP/TM/PS/13	%	23.0 – 24.0%
5	Molecular Weight	-	g/mole	340
6	Chloride Content	QP/PM/PS/16	ppm	100 ppm max.
7	Viscosity @ 25°C	QP/PM/PS/18	cSt	60 - 70
8	Pour Point	-	°C	< -50
9	Refractive Index @ 25°C	QP/TM/PS/05	nD	1.490
10	Flash Point	-	°C	40
11	Boiling Point @ 760mm	-	°C	312
12	% Ti	QP/PM/PS/13	%	13.85 – 14.30%
13	Solubility in Solvents	-	-	Miscible in many organic solvents
14	Solubility in water	-	-	Rapidly hydrolyzed by water

APPLICATION:

1. As a catalyst : Esterification, Transesterification reaction and Polymerization of Epoxies, Phenolics and Silicons.
2. As a crosslinking agent : Wire enamels, Surface Coatings, Printing inks, Silicon RTV compounds and in Olefin Polymerization Systems.
3. As a surface modifier : Adhesion promoter, Wax & Oil additive and in scratch resistant glass.

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