

Roopal ti-TNBT (Tetra N Butyl Titanate/Titanium Tetrabutanoate)

Technical Data Sheet

Roopal ti-TNBT is a titanium alkoxide, tetra- n-butyl titanate. It is a reactive low freezing point catalyst and is used in direct and trans esterification reactions.

Sr. No.	Test	Unit	Value
1	Appearance	-	Clear liquid
2	Color, APHA	APHA	150 Max.
3	Molecular Weight	g/mole	340
4	Titanium Content	%	13.66 – 14.50
5	TiO ₂ Content	%	22.80 – 24.20
6	Viscosity @ 25°C	cSt	55 – 75
7	Specific Gravity @ 25°C	-	0.991 – 1.000
8	Chloride Content	ppm	50 Max.
9	Effect of Water	-	Rapid Hydrolysis
10	Solubility in Solvents	-	Miscible in Butanol, n-Hexane
11	CAS No.		5593-70-4

Application:

- Used as a catalyst for Esterification, trans esterification, Polymerization reactions.
- Cross linking for surface coatings, olefin polymerization, silicon RTV compounds.
- As an adhesion promoter for various miners-filled polymer

Packing: 200kg/440 lb steel drums

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