

PATIL DYESTUFF INDUSTRIES

TECHNICAL DATA SHEET

TETRA 2-ETHYL HEXYL TITANATE

TEHT

TEHT is a Titanium tetrakis (2-ethylhexanolate) complex. It can be used as a direct esterification catalysts and is also suitable for transesterification reactions when the alcohol in the catalyst needs to be compatible with that in the end product. Skycat TEHT is also less moisture sensitive when compared to tetra iso propyl titanates.

Physical & Chemical Properties

Sr. No.	Test	Unit	Value
1	Appearance	-	Clear liquid
2	Color, Gardner	Gardner	100 Max.
3	Molecular Weight	g/mole	565
4	Titanium Content	%	8.30 – 8.90
5	TiO ₂ Content	%	13.85 – 14.85
6	Brookfield Viscosity @ 25°C	cSt	125 – 165
7	Specific Gravity @ 25°C	-	0.930 – 0.940
8	Chloride Content	ppm	100 Max.
9	Solubility in Solvents	-	Miscible in Butanol, n-Hexane
10	Solubility in Water	-	Rapidly hydrolysed by water
11	CAS No.	-	1070-10-6

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