

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

Tetra Ethyl Titanate

TYPE

TET is a highly reactive Organic Titanate. It is soluble in many organic solvents and is supplied with hundred percent active content. It is sensitive to moisture.

USAGE

TET is widely used as a catalyst for reactions such as Esterification, Trans - Esterification and Olefin Polymerisation. Its recommended as a cross linking agent for surface coatings and printing inks. It is also used as a surface modifier, adhesion promoter, 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	%	33.0 – 35.0
Specific gravity at 25/25°C	-	1.10 – 1.12
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. TET is flammable hence keep them away from fire.
2. TET is highly sensitive to water. Hence, dry atmosphere is recommended in the storage place.
3. TET 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
TET	As per Customer Requirement	1000 Kgs	200 Kgs

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

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