



26158

Tetra-N-Butyl Orthotitanate (TNBT) extrapure, 23-24% TiO₂

Part A

CAS : 5593-70-4

Molecular Formula : C₁₆H₃₆O₄Ti

Molecular Weight : 340.32

Specifications

Appearance (Clarity)	Clear
Appearance (Colour)	Yellow
Appearance (Form)	Liquid
Assay (TiO ₂ content)	23 - 24%
Density (g/ml) @ 20°C	0.990-1.005
Refractive Index (20°C)	1.490-1.492

Other Information

Application

TNBT is used in the preparation of nanosized Titanium dioxide in the anatase form and ferroelectric bismuth titanate thin films. It is most commonly used to prepare nanocrystalline TiO₂ at room temperature. It has applications as intermediates, paint & coating additives, processing aids and as process regulators. It also has applications in Catalysi, Esterification, Trans-esterification reaction & Polymerisation of Epoxies, Phenolics and Silicons as well in cross-linking.

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	UN No.:2924 , IMCO Class No.:3(8) , Packing Group:III
HSN Code	
100 ml	29051990 (GST 18%)
2500 ml	29051990 (GST 18%)
500 ml	29051990 (GST 18%)
Type of Packing	
100 ml	Glass Bottle
2500 ml	Glass Bottle

500 ml

Glass Bottle

Available Packages

100 ml

500 ml

2500 ml

Disclaimer

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