SPECIFICATION

Titanium Acetylacetonate

Parameters	Specification
Appearance	White crystalline solid
Molecular Weight	246.08 g/mol
Boiling Point	300 °C
Melting Point	170 °C
Flash Point	200 °C
Purity	97–99%
Refractive Index	1.6
Solubility	Soluble in acetone, benzene, and chloroform; insoluble in water
Uses	Titanium(IV) acetylacetonate is used as a precursor in the synthesis of titanium-containing materials, including TiO2 coatings and thin films; also used in catalysis and materials science