

(TERT-BUTYLIMIDO)TRIS(ETHYLMETHYLAMIDO)TANTALUM

TBTEMATa

 **Product description**

Name: (TERT-BUTYLIMIDO)TRIS(ETHYLMETHYLAMIDO)TANTALUM

CAS-Number: 511292-99-2

Application: ALD and CVD precursor

Element: Ta

(TERT-BUTYLIMIDO)TRIS(ETHYLMETHYLAMIDO)TANTALUM

TBTEMATa

Physical Properties

Vapor pressure equat.:	n.a.
Density:	1.323 g/cm ³
Molweight:	426.38 g/mol
Melting point:	n.a.
Boiling point:	98 °C / 208.4 °F (2.67 mbar)
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Flammable, Water-reactive
Thermal decomposition:	
ADR/RID-class:	4.3
UN-no:	3398, PG II
IMDG-class:	4,3
UN-no:	3398, PG II
ICAO/IATA-class:	4,3
UN-no:	3398, PG II – AIRFREIGHT ALLOWED

For further details please refer to Safety Data Sheet (SDS)

Packaging & Standard Filling Volumes

TBTEMATa.100.DOCK/10.150	100g / 150ccm cyl.
TBTEMATa.400.DOCK/10.400	400g / 400ccm cyl.
TBTEMATa.600.DOCK/10.600	600g / 600ccm cyl.
TBTEMATa.1000.DOCK/10.1000	1000g / 1000ccm cyl
TBTEMATa.3000.DOCK/10.3000	3000g / 3000ccm cyl

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

ALD and CVD precursor



Dockweiler Chemicals GmbH
Emil-von-Behring-Strasse 76
Goerzhaeuser Hof M217
35041 Marburg, Germany

T +49 (0)6421 39-6380
F +49 (0)6421 39-6381
info@dockchemicals.com

dockchemicals.com