

(EtCp)₂Y(dbt)

OLYMPUS

Physical Properties

Vapor pressure equat.:	$\log(p(\text{mbar})) = 7.91 - (3169/T(\text{K}))$ for T = 100-200 °C
Density:	ca. 1 g/cm ³ at 25 °C
Molweight:	431.45 g/mol
Melting point:	40 °C / 104 °F
Boiling point:	n.a.
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Inflammable, Irritation to skin / eyes by contact, Water-reactive
Thermal decomposition:	n.a.
ADR/RID-class:	4.3(4.1)
UN-no:	3395, PG II
IMDG-class:	4.3(4.1)
UN-no:	3395, PG II
ICAO/IATA-class:	4.3(4.1)
UN-no:	3395, PG II - AIR FREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

OLYMPUS.100.DOCK/10.150	100g / 150ccm cyl.
OLYMPUS.350.DOCK/10.400	350g / 400ccm cyl.
OLYMPUS.500.DOCK/10.600	500g / 600ccm cyl.

Product Description

Name:	BIS(ETHYLCYCLOPENTADIENYL) (DITERTBUTYLTRIAZENIDO)YTTTRIUM
CAS-Number:	3037068-73-5
Element:	Y
Molecular Formula:	C ₂₂ H ₃₆ N ₃ Y

Quality Standards

DG Development Grade

Application

ALD deposition of Y₂O₃; Y doping of HfO₂, hydrophobic coating

Vapor Pressure

Vapor Pressure
[mbar]

