

# (EtCp)<sub>2</sub>Y(dbt)

## OLYMPUS

### Physical Properties

Vapor pressure equat.:	$\log(p(\text{mbar})) = 7.91 - (3169/T(\text{K}))$ for T = 100-200 °C
Density:	ca. 1.3 g/cm <sup>3</sup> (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)YTTRIUM
CAS-Number:	3037068-73-5
Element:	Y
Molecular Formula:	C <sub>22</sub> H <sub>36</sub> N <sub>3</sub> Y

### Quality Standards

DG Development Grade

### Application

ALD deposition of Y<sub>2</sub>O<sub>3</sub>; Y doping of HfO<sub>2</sub>, hydrophobic coating

### Vapor Pressure

