

**BIS(TERT-BUTYLIMIDO)BIS(DIMETHYLAMIDO)TUNGSTEN**

# BTBMW

 **Product description**

**Name:** BIS(TERT-BUTYLIMIDO)BIS(DIMETHYLAMIDO)TUNGSTEN

**CAS-Number:** 406462-43-9

**Application:** CVD, ALD

**Element:** W

# BIS(TERT-BUTYLIMIDO)BIS(DIMETHYLAMIDO)TUNGSTEN

## BTBMW

### Physical Properties

|                        |                              |
|------------------------|------------------------------|
| Vapor pressure equat.: | 0.05 mbar at 30 °C           |
| Density:               | 1.305 g/cm <sup>3</sup>      |
| Molweight:             | 414.23 g/mol                 |
| Melting point:         | < 0 °C                       |
| Boiling point:         | 81 °C / 177.8 °F (0.02 mbar) |
| Sublimation point:     |                              |

### Chemical Properties

|                  |                        |
|------------------|------------------------|
| Stability:       | Stable under inert gas |
| State of matter: | Liquid                 |

### Safety & Transport

|                        |                                   |
|------------------------|-----------------------------------|
| Toxicity:              | Inflammable, Corrosive            |
| Thermal decomposition: |                                   |
| ADR/RID-class:         | 4.3                               |
| UN-no:                 | 3398, PG I                        |
| IMDG-class:            | 4.3                               |
| UN-no:                 | 3398, PG I                        |
| ICAO/IATA-class:       | 4.3                               |
| UN-no:                 | 3398, PG I – AIRFREIGHT FORBIDDEN |

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

### Packaging & Standard Filling Volumes

|                         |                      |
|-------------------------|----------------------|
| BTBMW.100.DOCK/10.150   | 100g / 150ccm cyl.   |
| BTBMW.400.DOCK/10.400   | 400g / 400ccm cyl.   |
| BTBMW.600.DOCK/10.600   | 600g / 600ccm cyl.   |
| BTBMW.1000.DOCK/10.1000 | 1000g / 1000ccm cyl  |
| BTBMW.3000.DOCK/10.3000 | 3000g / 3000ccm cyl. |
| BTBMW.8000.DOCK/10.8000 | 8000g / 8000ccm cyl. |

### Quality Standards

EG Electronic Grade

### Vapor Pressure Curve

### Application

CVD, ALD



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](https://dockchemicals.com)