

DIMETHYLZINC

# DMZn

 **Product description**

**Name:** DIMETHYLZINC

**CAS-Number:** 544-97-8

**Application:** III/V MOCVD, TCO deposition

**Element:** Zn

# DIMETHYLZINC

## DMZn

### Physical Properties

Vapor pressure equat.:  $\log(p(\text{Torr})) = 7.802 - 1560/T(\text{K})$

Density: 1.386 g/cm<sup>3</sup>

Molweight: 95.45 g/mol

Melting point: -29 °C / -20 °F

Boiling point: 44 °C / 111 °F

Sublimation point:

### Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

### Safety & Transport

Toxicity: n.a.

Thermal decomposition:

ADR/RID-class: 4.2

UN-no: 3394

IMDG-class: 4,2

UN-no: 3394

ICAO/IATA-class: 4,2

UN-no: 3394 – AIR FREIGHT FORBIDDEN

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

### Packaging & Standard Filling Volumes

DMZn.100.DOCK/10.150 100g / 150ccm cyl.

DMZn.700.DOCK/10.600 700g / 600ccm cyl.

DMZn.1200.DOCK/10.1000 1200g / 1000ccm cyl

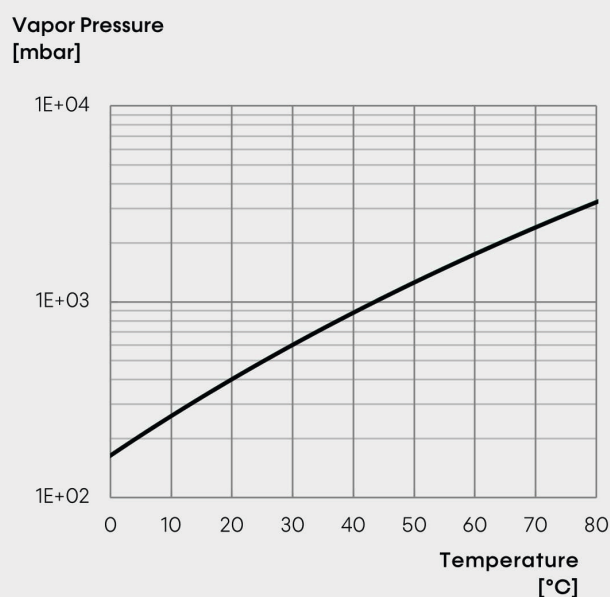
DMZn.3700.DOCK/10.3000 3700g / 3000ccm cyl.

### Quality Standards

EG Electronic Grade

OEG Opto Electronic Grade

### Vapor Pressure Curve



### Application

III/V MOCVD, TCO deposition



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