

NIOBIUM(V) ETHOXIDE

**(EtO)<sub>5</sub>Nb**

 Product description

Name: NIOBIUM(V) ETHOXIDE

CAS-Number: 3236-82-6

Application:

Element: Nb

# NIOBIUM(V) ETHOXIDE

## (EtO)<sub>5</sub>Nb

### Physical Properties

Vapor pressure equat.:  $\ln(p(\text{kPa})) = 28.1 - 9027.2/T(\text{K})$

Density: 1.258 g/cm<sup>3</sup> (25 °C)

Molweight: 318.21 g/mol

Melting point: 5 °C / 41 °F

Boiling point: 203 °C / 397 °F

Sublimation point:

### Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

### Safety & Transport

Toxicity: Flammable, Corrosive

Thermal decomposition: >325 °C

ADR/RID-class: 8(3)

UN-no: 2920, PG II

IMDG-class: 8(3)

UN-no: 2920, PG II

ICAO/IATA-class: 8(3)

UN-no: 2920, PG II – AIRFREIGHT ALLOWED

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

### Packaging & Standard Filling Volumes

(EtO)<sub>5</sub>Nb.100.DOCK/10.150 100g / 150ccm cyl.

(EtO)<sub>5</sub>Nb.400.DOCK/10.400 400g / 400ccm cyl.

(EtO)<sub>5</sub>Nb.600.DOCK/10.600 600g / 600ccm cyl.

(EtO)<sub>5</sub>Nb.1000.DOCK/10.1000 1000g / 1000ccm cyl.

(EtO)<sub>5</sub>Nb.3000.DOCK/10.3000 3000g / 3000ccm cyl.

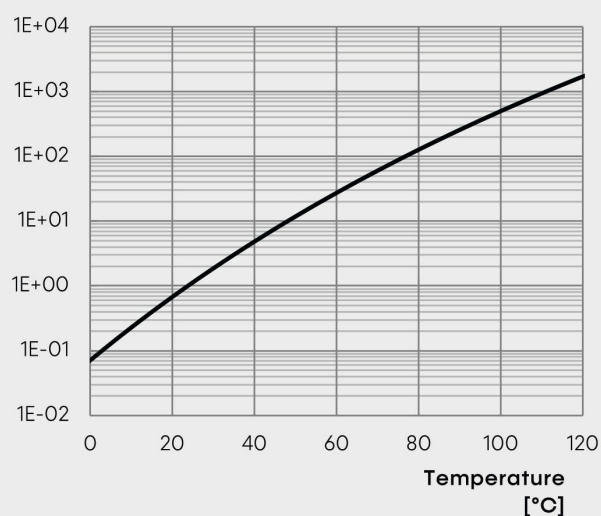
(EtO)<sub>5</sub>Nb.8000.DOCK/100.8000 8000g / 8000ccm cyl.

### Quality Standards

PG Pure Grade

### Vapor Pressure Curve

Vapor Pressure  
[mbar]



### Application



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