

## CARBONTETRABROMIDE

# CBr<sub>4</sub>

 Product description

**Name:** CARBONTETRABROMIDE

**CAS-Number:** 558-13-4

**Application:** III/V MOCVD / Dopant for III/V

**Element:** C

# CARBONTETRABROMIDE

## CBr<sub>4</sub>

### Physical Properties

Vapor pressure equat.:  $\log(p(\text{Torr})) = 7.97 - 2347.7/T(\text{K})$

Density: 2.96 g/cm<sup>3</sup>

Molweight: 332 g/mol

Melting point: 90 °C / 19 4°F

Boiling point: 190 °C / 374 °F

Sublimation point:

### Chemical Properties

Stability: Stable under inert gas

State of matter: Solid

### Safety & Transport

Toxicity: Toxic by Inhalation

Thermal decomposition:

ADR/RID-class: 6.1

UN-no: 2516

IMDG-class: 6.1

UN-no: 2516

ICAO/IATA-class: 6.1

UN-no: 2516 – AIR FREIGHT ALLOWED

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

### Packaging & Standard Filling Volumes

CBr<sub>4</sub>100.DOCK/10.150 100g / 150ccm cyl.

CBr<sub>4</sub>200.DOCK/10.150 200g / 150ccm cyl.

CBr<sub>4</sub>500.DOCK/10.400 500g / 400ccm cyl.

CBr<sub>4</sub>750.DOCK/10.600 750g / 600ccm cyl.

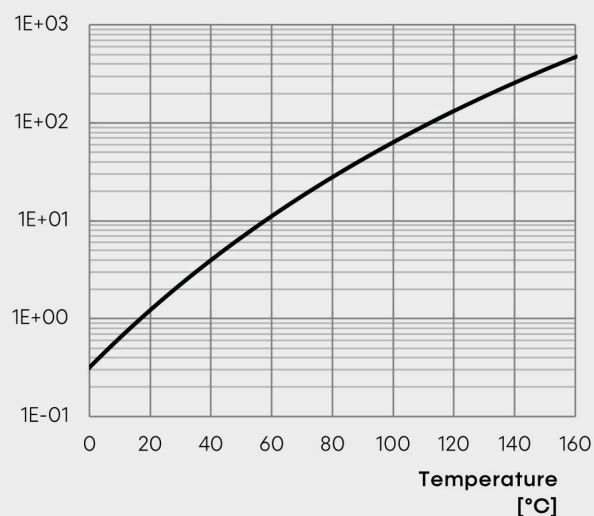
CBr<sub>4</sub>1200.DOCK/10.1000 1200g / 1000ccm cyl

### Quality Standards

EG Electronic Grade

### Vapor Pressure Curve

Vapor Pressure  
[mbar]



### Application

III/V MOCVD / Dopant for III/V



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