

SILICONTETRACHLORIDE

SiCl₄

 Product description

Name: SILICONTETRACHLORIDE

CAS-Number: 10026-04-7

Application: Si precursor fo CVD

Element: Si

SILICONTETRACHLORIDE

SiCl₄

Physical Properties

Vapor pressure equat.: 259 mbar at 20 °C

Density: 1.48 g/cm³

Molweight: 169.89 g/mol

Melting point: -68,7 °C / 91,7 °F

Boiling point: 57,6 °C / 135,7° F

Sublimation point:

Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

Safety & Transport

Toxicity: Toxic by Inhalation, corrosive

Thermal decomposition:

ADR/RID-class: 8

UN-no: 1818

IMDG-class: 8

UN-no: 1818

ICAO/IATA-class: 8

UN-no: 1818 – AIR FREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

SiCl₄.100.DOCK/10.150 100g / 150ccm cyl.

SiCl₄.500.DOCK/10.400 500g / 400ccm cyl.

SiCl₄.800.DOCK/10.600 800g / 600ccm cyl.

SiCl₄.1300.DOCK/10.1000 1300g / 1000ccm cyl.

SiCl₄.4000.DOCK/10.3000 4000g / 3000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

Si precursor fo CVD



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