

VCl₄

VANADIUMTETRACHLORIDE

Physical Properties

Vapor pressure equat.:	8 mbar at 20°C
Density:	1.82 g/cm ³
Molweight:	192. 57 g/mol
Melting point:	-28 °C / -18,4 °C
Boiling point:	154 °C / 310 °F
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended conditions for max. 180 days. Cool storage recommended
State of matter:	Liquid

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	8
UN-no:	2444
IMDG-class:	8
UN-no:	2444
ICAO/IATA-class:	8
UN-no:	2444 – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

VCl ₄ .100.DOCK/10.150	100g / 150ccm cyl.
VCl ₄ .200.DOCK/10.400	200g / 400ccm cyl.
VCl ₄ .650.DOCK/10.400	650g / 400ccm cyl.
VCl ₄ .900.DOCK/10.600	900g / 600ccm cyl.
VCl ₄ .1600.DOCK/10.1000	1600g / 1000ccm cyl.
VCl ₄ .4900.DOCK/10.3000	4900g / 3000ccm cyl.

Product Description

Name:	VANADIUMTETRACHLORIDE
CAS-Number:	7632-51-1
Element:	V
Molecular Formula:	VCl ₄

Quality Standards

EG Electronic Grade

Application

Deposition of Vanadium containing layers

Vapor Pressure

