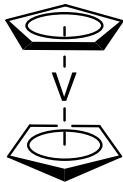


Catalog # 23-0180 Bis(cyclopentadienyl)vanadium, sublimed, 95% (Vanadocene)



Thermal Behavior:

- Melting point: 166-168°C
- Sublimation: 200°C/0.1 Torr

Technical Notes:

1. Precursor and dopant used for thin vanadium film deposition.

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
VC _x	CVD	110°C	1 Torr	H ₂	200-650°C	1
V:SiC	CVD	50-110°C	180 Torr	(TMS)CH ₂ (TMS) H ₂	1370-1440°C	2

References:

1. [Fusion Eng. Des. 2017, 125, 556.](#)
2. [J. Electrochem. Soc. 2008, 155, H11.](#)