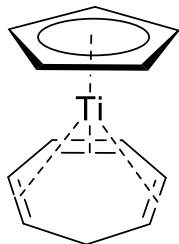


Catalog # 22-0450 Cyclopentadienyl(cycloheptatrienyl)titanium(II), 99%



Thermal Behavior:

- Sublimation at 80°C/0.05 Torr [1]; 130°C/0.04 Torr [3]
- Melting point: 258-262°C [3]
- TGA diagram and data is available in [3]

Technical Notes:

1.

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
TiN	PE-CVD	100°C	0.2 Torr	^{PL} N ₂ , ^{PL} NH ₃ , ^{PL} H ₂ , or ^{PL} H ₂ /N ₂	300-600°C	2
TiO ₂	ALD	103°C	3.75-7.5 Torr	O ₃	250-475°C	3

References:

1. [J. Inorg. Organomet. Pol. 1991, 1, 131](#)
2. [J. Appl. Phys. 1994, 76, 4377](#)
3. [Chem. Mater. 2012, 24, 2002](#)