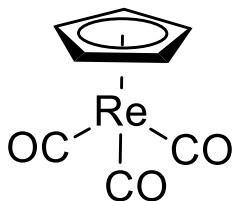


Catalog # 75-2300 Cyclopentadienylrhenium tricarbonyl, 99%



## Thermal Behavior:

- TGA data in [3].
- Melting point: 104-105 °C [1]
- Vapour pressure study in reference [3].

## Technical Notes:

1. Carbonyl precursor for the deposition of **rhenium** thin films by CVD and ALD with high volatility.

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
Re	CVD	100-110 °C	760 Torr	H <sub>2</sub>	550 °C	[2]

## References:

1. [J. Chem. Soc., 1958, 4314.](#)
2. [J. Struct. Chem., 2009, 50, 1126.](#)
3. [J. Chem. Thermodynamics, 2011, 43, 1646.](#)