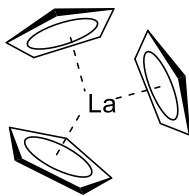


Catalog # 57-3000 Tris(cyclopentadienyl)lanthanum (99.9%-La) (REO)



Thermal Behavior:

- Melting point: 275°C
- TGA data and diagram available in [1]

Technical Notes:

1. ALD precursor lanthanum containing thin film deposition.

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
La ₂ O ₃	ALD PE-ALD	183°C -	- -	H ₂ O P ₂ O ₅	260°C 150°C	2, 3 4

References:

1. [ECS Trans. 2009, 19, 525.](#)
2. [J. Vac. Sci. Technol. A, 2009, 27, L1.](#)
3. [J. Electrochem. Soc. 2009, 156, H1.](#)
4. [Appl. Phys. A, 2020, 126, 650.](#)