

Catalog # 93-6022 Neodymium(III) chloride, anhydrous (99.9%-Nd) (REO)



Thermal Behavior:

- Melting point 784°C

Technical Notes:

1. Used for the deposition of neodymium thin films.

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
NdB ₆	CVD	795-950°C	100 mTorr	BCl ₃ , Pd ^{Catal} B ₁₀ H ₁₄ , Pd ^{Catal}	900-1050°C	1
	CVD	700-850°C	100 mTorr		1000°C	2

References:

1. [J. Phys. Chem. C, 2009, 113, 10446.](#)
2. [Chem. Mater. 2011, 23, 2606.](#)