

Catalog # 93-6416 Gadolinium(III) chloride, anhydrous (99.9%-Gd) (REO)



Thermal Behavior:

- Melting point 609°C

Technical Notes:

1. CVD precursor for gadolinium thin film deposition

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
GdB <sub>6</sub>	CVD	700-850°C	100 mTorr	B <sub>10</sub> H <sub>14</sub> , Pd <sup>Catal</sup>	1000°C	1

References:

1. [Chem. Mater. 2011, 23, 2606](#)