

SPECIFICATION

Lithium Amide

Parameters	Specification
CAS Number	7782-89-0
Appearance	White crystalline solid
Molecular Formula	H ₂ LiN
Molecular Weight	22.97 g/mol
Boiling Point	360 °C
Melting Point	270 °C
Flash Point	120 °C
Purity	98–99%
Refractive Index	1.6
Solubility	Reacts with water; not soluble in water; forms LiOH and NH ₃
Uses	Precursor for lithium hydride synthesis; hydrogen storage; base in organic synthesis

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