

SPECIFICATION

Lithium Hydride

Parameters	Specification
CAS Number	7580-67-8
Appearance	White crystalline powder
Molecular Formula	LiH
Molecular Weight	7.95 g/mol
Boiling Point	1250 °C
Melting Point	690 °C
Flash Point	400 °C
Purity	98–99%
Refractive Index	1.5
Solubility	Reacts with water to form LiOH and H ₂ ; not soluble in water
Uses	Hydrogen storage material; reducing agent in organic synthesis; synthesis of metal hydrides

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