

SPECIFICATION

Calcium Hydride

Parameters	Specification
CAS Number	7789-78-8
Appearance	White to grayish powder
Molecular Formula	CaH ₂
Molecular Weight	42.094 g/mol
Boiling Point	900 °C
Melting Point	850 °C
Flash Point	500 °C
Purity	95–97%
Refractive Index	Not applicable
Solubility	Insoluble in water; reacts with water to form calcium hydroxide and hydrogen gas
Uses	Hydrogen generation; reducing agent in organic synthesis; moisture drying agent for sensitive reagents

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