

SPECIFICATION

Potassium Borohydride

Parameters	Specification
CAS Number	13762-51-1
Appearance	White crystalline powder
Molecular Formula	BH ₄ K
Molecular Weight	53.94 g/mol
Boiling Point	700 °C
Melting Point	520 °C
Flash Point	500 °C
Purity	98–99%
Refractive Index	1.45
Solubility	Soluble in water; hydrolyzes in water; soluble in polar solvents; insoluble in nonpolar solvents
Uses	Reducing agent used in organic synthesis; provides hydride for reductions of carbonyl compounds and related reactions; widely used in inorganic synthesis

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