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Typical Product Specifications & Properties

Lithium Hydride

CAS Number: : 7580-67-8

Specifications	Limits
Reactivity	with water
Very Soluble	in acid
H2 equilibrium pressure	850C: about 1010 mbar
Na	0.9% max
K	0.05% max
Appearance	bluish grey grains
Density	0.78 g/ccm at 20C
Molecular weight	7.95
Bulk Density	about 0.4 kg/l
Melting Point	688C
Hydrogen content	12.7% theoretical
Heat of fusion	about 2.5 kJ/g



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Specifications	Limits
Decomposition temperature	above 900C
H2 equilibrium pressure	500C: 0.09 mbar
Assay	97.0% min
Insolubility	in benzene, toluene
Odor	odorless
Solubility	ether
Boiling Point	dec. 850 c
Chemical Structure	 parchem fine & specialty chemicals



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