

SPECIFICATION

Calcium Carbide

Parameters	Specification
CAS Number	75-20-7
Appearance	Gray-black granular solid
Molecular Formula	CaC ₂
Molecular Weight	64.10 g/mol
Boiling Point	3600 °C
Melting Point	2160 °C
Flash Point	520 °C
Purity	98–99%
Solubility	Insoluble in water; reacts with water to form acetylene and calcium hydroxide
Uses	Generation of acetylene gas for welding and cutting; chemical synthesis intermediate; steelmaking additive

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