



## Technical Data Sheet

**Chemical Name:** Calcium Carbide

**Synonyms:**

**Molecular Formula:**  $C_2Ca$

**Molecular Weight:** 64.10

**CAS Number:** 75-20-7

**EINECS Number:** 200-848-3

**Properties:** Grey, brown or black solid, purple when its purity is higher. The specific gravity is 2.22(18), melting point is 2300. It can absorb water in the air and conduct electricity. The higher its purity is, the easier it conducts. It dissolves in water, turns into acetylene and calcium hydroxide and releases heat.

**Quality Standards:** GB1888-1998



| <u>Items</u>     | <u>Specification</u> |
|------------------|----------------------|
| Gas Yield        | ≥295L/Kg             |
| Lump Size        | 50-80mm              |
| PH <sub>3</sub>  | ≤0.06%(V/V)          |
| H <sub>2</sub> S | ≤0.10%(V/V)          |

**Package:** 50kgs/100kgs new iron drums.

**Usage:** Used in the generation of acetylene gas for welding, and as a reagent, etc.