



# Product Specification

cdhfinechemical.com

## BORON CARBIDE 220 MESH

|                                    |   |
|------------------------------------|---|
| <b>PRODUCT CODE</b>                | 027405  |
| <b>SYNONYMS</b>                    | --  |
| <b>C.I. NO.</b>                    | --  |
| <b>CASR NO.</b>                    | (12069-32-8)  |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | CB <sub>4</sub>   |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | 55.25   |
| <b>PROPERTIES</b>                  | Soluble in fused alkali, insoluble in water and acids. High capture cross section for thermal neutrons. |



| PARAMETER                            | LIMIT   |
|--------------------------------------|---|
| Description                          | Black coloured fine powder.   |
| Solubility                           | Insoluble in water, methanol, dilute acids and dilute ammonia solution. |
| Minimum assay (Alkalimetry)          | 98.0%   |
| Mesh size (Passing through 220 mesh) | Min. 95.0%  |

**Note(s) : Assay (if applicable) method mentioned.**

|  |  |
|--|--|
| <b>WARNING</b>                                       | IMDG Code : --<br>UN No. : --<br>IATA : -- |
| <b>Hazard statements:</b> Not hazardous. No hazards. |  |
| <b>Precautionary statements</b>                      |  |
| <b>Prevention:</b> -----<br><b>Response:</b> -----   |  |

**Disposal:**-----  
**Hazard Pictogram(s) :**-----

Replace Date 27-may-2019