



CERAFLUX

An ISO 9001 Certified Company

**"The Only Indian Company Manufacturing
Wide Range of Metallurgical Products "**

CERALOY-CB

(Deoxidizing agents for copper and copper alloys)

GENERAL DESCRIPTION:

CERAPACK CB tubes are individual copper tubes containing calcium boride reagents. **CERAPACK CB** tubes are specially designed to remove dissolved oxygen formed during the melting process. If this dissolved gas is allowed to remain in the melt it can seriously reduce mechanical properties and pressure tightness of the casting.

ADVANTAGES:

CERAPACK CB tubes are available for high conductivity copper metal. Thermal and electrical conductivity of the alloys are not affected.

APPLICATION:

Upon completion of the melting process using the appropriate covering and cleaning agents, the melt should be deoxidized to remove dissolved oxygen.

It is most important that the slag is completely removed (especially in the case of oxidizing slags) before treatment with in order to prevent a reaction between the deoxidizing agent and oxygen contained in the slag.

CERAPACK CB tubes should be plunged quickly down to the bottom of the melt using a forked plunging rod and kept there until the reaction is complete.

APPLICATION TEMPERATURE:

At casting or melt treatment temperature.

APPLICATION RATE:

Melt weight (in kg)	25	50	100	200	400
High conductivity copper	1 Cb3	1 Cb3	2 Cb3	4 CB3 or 1 Cb6	8 CB3 or 4 CB6

NOTE:- Above information is true and accurate based on controlled laboratory testing. However user is responsible for determining suitability for application at their end. No guarantee is implied since the condition in actual use differs widely & beyond our control.

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