

PRODUCT DATA SHEET

CERAPACK DS TUBES

(Deoxidizing agents for copper and copper alloys)

PRODUCT :

CERAPACK DS TUBES are individual copper tubes containing Phosphorus copper reagents. **CERAPACK DS 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 DS TUBES are available for Commercial copper, Gun Metal, Bronze, Brass 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 in order to prevent a reaction between the deoxidizing agent and oxygen contained in the slag.

CERAPACK DS 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	25 kg	50 kg	100 kg	200 kg	400 kg
Commercial copper	2 DS3	3 DS4	6 DS4	3 DS6	6 DS6
High conductivity copper	1 DS1	1 DS2	1 DS4	2 DS4	1 DS6
Brass	1 DS1	1 DS2	1 DS4	2 DS4	4 DS5
Bronze	1 DS2	1 DS3	1 DS5	3 DS4	4 DS5