



TECHNICAL DATA SHEET

OXIBRON 10

Tablets for covering, cleansing, degassing Gunmetals, Tin-bronzes and Lead-bronzes (<10% Pb)



DESCRIPTION

Oxibron 10, supplied in tablets form, is recommended for metal treatment of copper alloys, especially for Gunmetal, Tin-bronzes, Lead-bronzes (with Lead content below 10%).

The product gives the advantage of three different, essential actions: covering, cleansing and degassing.

The tablets, charged in the bottom of the crucible before metal addition, during melting operation decompose and release an oxidizing scavenging gas together with carbon dioxide capable to bubble inside the metal bath for the removal of harmful hydrogen and to prevent further pick-up. Oxibron 10, when dissolved, forms a protecting slag cover on metal bath surface.

This product is not suitable for copper alloys containing aluminium, manganese and silicon such as aluminium or manganese bronzes, brass, etc.

Protective and covering action, it forms an oxidizing barrier over the melt and stops hydrogen absorption.

PRODUCT PHYSICAL DATA

Appearance:	Tablets	Colour:	Dark grey
Specific gravity:	2,2 g/cm ³	Metal temperature range:	1100-1300°C

METHOD OF USE

Oxibron 10 tablets must be introduced on the bottom of the crucible (when crucible is hot) before loading with ingots or foundry returns.

During the melting cycle, the product dissolves, creating an effective liquid coating over the bath.

After melting, before starting to cast, remove the slag (use Slag Fin 20 G slag coagulant if necessary), and deoxidize the bath with the appropriate Deox tubes or with drops of Germinal CUP.

QUANTITY OF USE

The quantity recommended is 500-800 g for 100 kg of metal.

PACKAGING AND STORAGE

300 gr tablets in 24 kg boxes.

Warning: The product is hygroscopic.

Store in a dry storage and away from heat sources.

Close the package after each use.

If stored properly the product has a shelf life exceeding 12 months.