

**CHEMBLOCK****CHARACTERISTICS AND FEATURES:**

CHEMBLOCK range of products are specially formulated and developed for specific application for copper and its alloys. CHEMBLOCK physically is in block form.

PRODUCT	COLOUR	USAGE
CHEMBLOCK 21	Black	For melting of Tin Bronzes (Gun Metal)
CHEMBLOCK 4	Off White	For melting of Phosphor Bronze
CHEMBLOCK1	Pink	For melting of Tin Brass

**METHOD OF USING:**

When using in crucible furnaces, the selected grade and quantity usually 1 kg per 100 kg charge is placed at the bottom of empty crucible which is preheated to redness. The slag cover is not disturbed till melt is ready.

**ADVANTAGES:**

- I. **For melting under oxidizing condition:**
  - Controlled, convenient method of ensuring oxidizing conditions.
  - Removes dissolved hydrogen from melts and prevent pick up from furnace atmosphere.
  - Prevents steam reaction and resulting porosity in castings.
  - Cleanse melt of copper and its alloys removing non metallic impurities.
  - Material reduces metal losses in dross.
- II. **For melting under reducing / neutral condition:**
  - Minimizes oxidation losses of alloy components like zinc in brass, Brazing metal, gilding metals.
  - Produces a fluid slag and reducing condition for melting of high conductivity copper.
  - Much higher recovery of metal when melting Turning / Borings in a rotary or vibratory furnace.

**STORAGE:** Keep in a dry place and away from moisture.

**SHELF LIFE:** One year from the date of manufacture.

**PACKING:** 50 kg in alkaline bag.

