

PRODUCT DATA SHEET**CERALOY Cu-10%****PRODUCT: -**

Ceraloy Cu 10 % is an Aluminium Copper Master Alloy containing 10 % Copper. This alloy is used as additives for Copper in Aluminium alloys as a hardener.

PURPOSE: -

Ceraloy Cu 10 % as an Aluminium Copper Master Alloy is used to add Copper in molten Aluminium alloys. This Copper addition is done to improve the hardness, strength & decrease the elongation of the alloy.

Advantages: -

Ceraloy Cu 10% is dissolved fast in aluminium melt & gives maximum recovery of Copper. Aluminium based master alloy which contain the hardener elements in high concentrations, provide a convenient & economical way to add them to Aluminium to achieve desired properties, thus minimizing dross formation, solubility of hydrogen, reduced energy consumption & longer furnace life.

APPLICATION: -

Melt the Aluminium metal. Add Ceraloy Cu 10% as desired for alloy composition is around 700 to 730°C. Follow the normal fluxing and cleaning procedure from Ceraflux range. Degas the melt at suitable temperature & clean with small amount of flux.

After all the process is completed, take the sample for checking the copper content, if satisfactory start pouring immediately.

Specifications :-

- a) % Copper - 10 ± 1
- b) % Impurities – 0.5 max
- c) % Aluminium – Reminder.

SIZE:- 2 kg. Ingots / As per customer requirement.

STANDARD PACKING :- 20 kg HDPE Bag.

SHELF LIFE: 12 Months from date of manufacturing.

STORAGE : Store in cool and dry place with intact packing.

