

## IBC Advanced Alloys 4% BeCu Beryllium Copper Master Alloy

Category : Metal , Nonferrous Metal , Beryllium Alloy , Copper Alloy

### Material Notes:

Beryllium copper "Master Alloys" are formulated to introduce relatively small percentage "alloying" additions to base metal furnace melts. Producers of aluminum, magnesium, and nickel alloys have developed alloy product chemical compositions that require minute percent additions of beryllium to increase the efficiency of the alloy melting and manufacturing process, and enhance material properties such as strength, toughness, ductility, fluidity, and corrosion resistance in the finished alloy. Information provided by IBC Advanced Alloys.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_IBC-Advanced-Alloys-4-BeCu-Beryllium-Copper-Master-Alloy.php](http://www.lookpolymers.com/polymer_IBC-Advanced-Alloys-4-BeCu-Beryllium-Copper-Master-Alloy.php)

| Physical Properties | Metric    | English                  | Comments |
|---------------------|-----------|--------------------------|----------|
| Density             | 8.03 g/cc | 0.290 lb/in <sup>3</sup> |          |

| Thermal Properties | Metric  | English  | Comments |
|--------------------|---------|----------|----------|
| Melting Point      | 871 Â°C | 1600 Â°F |          |

| Component Elements Properties | Metric        | English       | Comments   |
|-------------------------------|---------------|---------------|------------|
| Beryllium, Be                 | 3.5 - 4.5 %   | 3.5 - 4.5 %   |            |
| Copper, Cu                    | 95.5 - 96.5 % | 95.5 - 96.5 % | As Balance |

## Contact Songhan Plastic Technology Co.,Ltd.

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