

Belmont

Copper-Base Metallurgical Specialties

MASTER ALLOYS • HARDENERS • DEOXIDIZERS

Featuring:

2% Boron Copper • 2% Lithium Copper
33% Zirconium Copper

Belmont Metals offers a wide variety of metallurgical specialties for effective and economical introduction of various elements into copper alloys and other non ferrous metals and alloys. Our specialties also meet needs for cost-effective deoxidation, and modification of mechanical properties.

Belmont master alloys, hardeners and deoxidizers are formulated to provide excellent service in applications at foundries, brass mills, ingot producers, centrifugal casters, precious metal alloyers and refiners, and in other metallurgical operations.

We invite inquiries on special alloys, forms and shapes. Alloys containing three or more elements are readily available as are special high-purity alloys. Expert metallurgical advice is available to provide the right alloy for your needs.

The reverse side lists our selection of metallurgical specialties including typical forms and shapes.

Note: The information contained in this data sheet is the most accurate in our possession at the time of publication, and is based on our effort to meet industry references, standards, and specifications. However, Belmont cannot assume responsibility for in-service performance of these products due to our lack of control over, or supervision of, their use.

Belmont: *The Non Ferrous Specialists*

For maximum variety in non ferrous metals, alloys, formulations and shapes.

Custom shapes and compositions available.



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Master Alloys: Copper-Base Group

Product Description	Belmont No.	Typical Shapes
30% Arsenical Copper	47015	Ingot, Waffle
10% Beryllium Copper	4901	Ingot
4% Beryllium Copper	4964	Ingot, Cubes, Shot, Pieces
2% Boron Copper	4987	Waffle, Shot, Pieces
50% Cadmium Copper	3502	Waffle, Slab, Pieces
10% Calcium Copper	49027	Slab
10% Chromium Copper	4902	Ingot
5% Chromium Copper	4955	Ingot, Waffle, Pieces
10% Cobalt Copper	4907	Ingot, Waffle, Slab, Shot
50% Cobalt Copper	45018	Ingot, Waffle, Slab, Shot
10% Iron (Ferro) Copper	4904	Shot
30% Iron (Ferro) Copper	47011	Shot
15% Lead Copper	48532	Ingot
20% Lead Copper	4802	Ingot
30% Lead Copper	4707	Ingot
2% Lithium Copper	4981	Waffle, Pieces
2% Magnesium Copper	49816	Shot
10% Magnesium Copper	4903	Slab
15% Magnesium Copper	48528	Slab
20% Magnesium Copper	4800	Pieces
30% Manganese Copper	4693	Pieces
35% Manganese Copper	4651	Cubes, Shot
10% Nickel Copper	49022	Shot
30% Nickel Copper	4701	Ingot, Shot
50% Nickel Copper	45016	Ingot, Waffle, Shot
8% Phosphor Copper	49210	Ingot, Shot
15% Phosphor Copper	48514	Ingot, Shot
10% Silicon Copper	49010	Slab, Lumps
15% Silicon Copper	48516	Slab, Pieces
30% Silicon Copper	4710	Slab, Pieces
50% Tellurium Copper	45035	Slab
30% Titanium Copper	47024	Slab
30% Zinc Copper	47031	Slab, Shot
50% Zinc Copper	45023	Waffle
10% Zirconium Copper	49011	Slab, Shot
13% Zirconium Copper	48712	Waffle, Slab, Pieces
33% Zirconium Copper	46710	Ingot, Slab, Pieces
"D" Copper Deoxidizer	4923	Pieces