

Belmont

Aluminum-Base Metallurgical Specialties

MASTER ALLOYS • HARDENERS

Featuring:
Beryllium-Aluminum

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

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

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

The reverse side lists our selection of standard metallurgical specialties. In addition, we provide many custom alloys.

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: Aluminum-Base Group

Product Description	Belmont No.	Typical Shapes
5% Beryllium Aluminum	19516	Waffle, Ingot, Slab, Pieces
2.5% Beryllium Aluminum	1971/1972	Ingot, Slab, Pieces
20% Chromium Aluminum	18012	Waffle
15% Chromium Aluminum	1855	Waffle
25% Cobalt Aluminum	1758	Waffle
50% Copper Aluminum	45012	Waffle, Slab, Pieces
40% Copper Aluminum	1601	Slabs
2% Copper Aluminum	1980	Slabs
50% Ferro Aluminum	1502	Waffle, Slab
40% Ferro Aluminum	1604	Waffle, Slab
30% Ferro Aluminum	1702	Waffle
25% Ferro Aluminum	1754	Waffle
20% Ferro Aluminum	1801	Waffle
10% Ferro Aluminum	19013	Waffle
10% Lithium Aluminum	19020	Waffle, Ingot, Pieces
5% Lithium Aluminum	19515	Waffle, Ingot, Slab
50% Magnesium Aluminum	6501/1504	Waffle, Pieces
30% Magnesium Aluminum	1701	Waffle
25% Magnesium Aluminum	1757	Waffle, Pieces
4% Magnesium Aluminum	19610	Ingot
50% Manganese Aluminum	1508	Waffle, Slab
25% Manganese Aluminum	1753	Waffle, Slab
20% Manganese Aluminum	1807	Waffle, Slab
5% Manganese Aluminum	1957	Waffle
50% Nickel Aluminum	1500	Slab, Pieces
25% Nickel Aluminum	1752	Slab, Pieces
20% Nickel Aluminum	1803	Waffle, Slab, Pieces
50% Silicon Aluminum	1503/1507	Waffle, Pieces
25% Silicon Aluminum	1751	Waffle, Slab
20% Silicon Aluminum	18011	Waffle, Slab
15% Silicon Aluminum	1858	Waffle, Slab
12% Silicon Aluminum	1889	Ingot, Waffle
6% Silicon Aluminum	19412	Slab, Cubes
6% Titanium Aluminum	19512	Waffle, Bar, Pieces
3% Titanium Aluminum	19710	Slab, Discs, Pieces
5% Chromium 2% Zirconium Aluminum	19321	Ingot, Slab
5% Lithium .5% Magnesium Aluminum	19518	Ingot
5% Titanium 1% Boron Aluminum	19411	Waffle, Pieces