



Belmont
M E T A L S I N C.

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DATA SHEET

BELMONT #15 NICKEL DEGASIFIER 48515

Belmont No. 15 Degasifier is intended to reduce the dissolved gases in all types of Nickel Base containing Copper as well as Copper Base alloys containing 10% or more Nickel.

The amount of **No. 15 Degasifier** to be used depends on a number of factors including the Nickel content of the alloy, the charge materials and the melting practice. In general, the higher the Nickel contents, the greater tendency to absorb gas.

Following are the general guidelines:

For Nickel Base alloys with more than 65% Nickel, start with 8 to 12 ounces of **No. 15** per 100 pounds of metal.

For Nickel Base alloys with Nickel content between 45% and 65%, the initial application should be 6 to 8 ounces of **No. 15** per 100 pounds.

For Copper Base alloys containing more than 20% Nickel, 6 to 8 ounces of **No. 15** should be used.

Copper Base alloys with a Nickel content between 10% and 20% require a treatment rate of 4 to 6 ounces per 100 pounds of melt.

The heat should be degassed about 5 to 10 minutes before pouring. **No. 15** should be submerged to the bottom of the heat and kept submerged until it is consumed. **No. 15** works up through the melt; also if it is not held down, the alloy will float, since it has a low specific gravity. After **No. 15** is added to the melt and been allowed to work, the melt should be stirred, allowed to settle, be thoroughly skimmed and then poured.

Belmont The Non Ferrous Specialists

**For maximum variety in non-ferrous metals, alloys, formulations and shapes.
Custom shapes and compositions available**