



Belmont
M E T A L S I N C .

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DATA SHEET

BELMONT NO. 27 ALLOY (SILICON BRONZE DEGASIFIER 46314B)

The No. 27 alloy is intended primarily for degasifying SILICON BRONZE.

It should be used at the rate of eight (8) ounces to 100 pounds of melt.

Belmont No. 27 alloy should be added shortly before the metal is poured (after the cover, slag and oxides have been skimmed from the melt). If gates and risers are added to cool overheated metal, they should be added after the addition. The degasifier should be plunged to the bottom of the crucible, using a graphite rod or other device. This is important, since it always works upwards; and has a very low specific gravity, and will float.

After it has reacted for a few minutes, a test plug should be poured. If the test plug puffs up, an additional treatment with Belmont No. 27 is required. If the plug is flat or shrinks (concave) on top, the metal is ready to pour after a final skimming.