GLO SB-2
FOR GRAY AND DUCTILE IRON INOCULATION

GLO SB-2 provides extremely potent nucleation due to the synergistic effect of combined additions of calcium and barium. Barium bearing ferrosilicon inoculants are very effective in minimizing carbide precipitation and its inoculating effects last over prolonged periods; thereby reducing fade of both the inoculant and of nodularity in the case of S.G. irons. Generally, 40% less SB-2 is required to obtain equivalent chill depths in gray cast irons when compared to standard inoculants. In ductile iron, the combination of calcium, plus barium can produce 15% higher nodule counts compared to standard calcium bearing ferrosilicon.

Recommended typical addition rate for gray iron is 0.15 – 0.30% and 0.30 – 0.60% for ductile.

NOTE: Silicon concentration can drop as low as 65.0% in stream inoculant product, sized 20 mesh and smaller.

CHEMICAL COMPOSITION:

Silicon	72 – 77%
Barium	1.75 – 2.25%
Aluminum	0.80 – 1.20%
Calcium	0.75 – 1.25%

SIZING:

3/8” x 12 mesh	Ladle Addition
3/8” x 65 mesh	Ladle Addition
5 mesh x 30 mesh	For Smaller Ladle Sizes
20 mesh x 70 mesh	Stream Inoculation
20 mesh x 100 mesh	Stream Inoculation

PACKAGING:

500 lb. steel drum
2-3,000 lb. super sack or wooden box
Customer specific packaging where required.

MATERIAL SAFETY DATA SHEET:

Available to Globe customers. Please ask your sales representative.

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