

## **GLO 75 – Bi**

### **A DUCTILE IRON INOCULANT**

GLO 75-Bi is a powerful bismuth-containing inoculant formulated exclusively for nodular iron. This inoculant must be utilized with a proper balance of rare earth elements utilized throughout the treatment and inoculation (processing) of the nodular iron.

The optimum ratio balance and total percentages of rare earth and bismuth depends on the section size and other tramp elements that may be present. Consult your Globe Metallurgical technical representatives for additional advice.

When in proper balance, GLO 75-Bi will increase nodule count significantly, raise the eutectic temperature, suppress carbide formation and reduce the tendency for secondary (micro) shrinkage.

NOTE: Silicon concentration can drop as low as 66.0% in stream inoculant product, sized 20 mesh and smaller.

#### **CHEMICAL COMPOSITION:**

Silicon	69 – 75%
Calcium	1.75 – 2.25 %
Aluminum	0.75 – 1.25%
Barium	0.40 – 0.60%
Bismuth	0.40 – 0.60%
TRE	0.15 – 0.35%

#### **SIZING:**

3/8" X 4.5 mesh	Ladle addition
5 X 30 mesh	For Smaller Ladle Sizes
30 X 80 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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