

## **GLO 75% FOUNDRY GRADE FOR GRAY AND DUCTILE IRON INOCULATION**

GLO 75% Foundry Grade is a standard inoculant used both in gray and ductile irons. Addition levels are typically between 0.20 – 0.30% for gray irons and 0.40 – 0.80% for ductile. This inoculant, due to controlled amounts of calcium and aluminum, improves nucleation of the molten iron, thereby preventing undercooling and formation of iron carbides during solidification. Other benefits are promotion of Type A graphite in gray irons and increased nodule count and ferrite in ductile.

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

### **CHEMICAL COMPOSITION:**

Silicon	73.0 – 79.0%
Aluminum	0.80 – 1.50%
Calcium	0.50 – 1.20%

### **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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