

GLO 75-2TRE

FOR GRAY AND DUCTILE IRON INOCULATION

GLO 75-2TRE serves several roles in gray and ductile iron processing. It is a source of rare earths, which neutralize the harmful effect of tramp elements. Careful balance of rare earth elements has been demonstrated to optimize iron quality as measured by nodule count. The total rare earth portion of GLO 75-2TRE contains 34% lanthanum, which if properly designed will reduce late stage solidification shrinkage.

GLO 75-2TRE is an extremely potent inoculant for late stream inoculation of pure magnesium treated irons where other rare earth elements are absent. It reduces chill and improves the graphite morphology to a fully spheroidal form.

In gray iron it reduces chill and at higher addition rates (0.3%) it improves cast iron strength thus preventing cracking of castings at shakeout. Recommended ladle addition rate is 0.15-0.30% and for stream 0.10-0.15%.

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

CHEMICAL COMPOSITION:

Silicon	69.0 - 75.0%
Total Rare Earth	1.70 - 2.50%
Aluminum	0.50 - 1.25%
Calcium	0.50 - 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
2-3000 lb. super-sack or wooden box
Customer specific packaging where required

MATERIAL SAFETY DATA SHEET:

Available to Globe customers. Please ask your sales representative.

REV-Aug/07