

SIBAR[®] 4F INOCULANT FOR LATE INOCULATION

Our company is ready to offer an inoculant for late graphitizing treatment of molten metals in pouring basins to produce grey and ductile irons. Candy bar shaped inoculants are added to molten metals in pouring basins or ladles favoring formation of additional crystallization centers.

Late inoculation makes it possible to achieve the following objectives:

- to prevent formation of cementite in the structure of irons
- to improve the mechanical properties of irons
- to make the structure of irons more uniform in sections of castings having uneven wall thicknesses

The SIBAR[®] 4F inoculant has the following distinctive features:

- Its structure makes it possible for it to fully dissolve in irons at low temperatures
- Bars are easy to measure out as they have fixed weights and can be readily split into several portions by weight
- Bars are easy to transport due to their shape
- The inoculant is not subject to crumbling and does not give off powder residue
- The method of the inoculant's manufacture makes it possible to ensure the required proportions of chemically active elements in it



SIBAR[®] 4F inoculant