

BARSI-CA MULTICOMPONENT SLAG DEOXIDIZER

BARSI-Ca is a mixture of chemical compounds containing Ba, Si and Ca. They have the ability to deoxidize and refine the slag in electric arc furnaces that have acid lining.

BARSI-Ca is added to the slag in a furnace 3-5 minutes before the melt is tapped immediately after ferromanganese is introduced. **BARSI-Ca**, being a multicomponent deoxidizer, creates conditions for the diffusion deoxidization of steel and makes it possible to significantly save ferroalloys. Injection of **BARSI-Ca** into a ladle during tapping promotes refinement of steel, increases its fluidity, which, in its turn, makes it possible to decrease the temperature of steel pouring by 10-20°C.

The use of **BARSI-Ca** makes it possible to decrease consumption of the standard deoxidizers used to manufacture various grades of steel, viz: FeSi up to 16%, FeMn up to 8% and Al up to 50% respectively.

Its use for deoxidization of steel prior to its treatment in a ladle by **INSTEEL**® modifiers increases significantly their efficiency.

The average consumption of this multicomponent is 7.5 kg/t.

The **BARSI-Ca** deoxidizer is delivered in PE-lined big bags with capacities of 0.5 and 1.0 tons, in paper bags with capacities between 5 and 25 kg and cored wires.

