

Present State of the BOFdePhos Database

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Abstract

The investigation and modelling of the behaviour of phosphorous at the end of the converter process is very much dependent of thermochemical data which permit both the modelling of the main objective of the converter process, i.e. the lowering of the carbon content in the steel melt, and the treatment of the phosphorous itself.

In the presentation a short overview is given of the initial state of the data that were used for modelling the carbon behaviour. Then the state of the oxide database with respect to the treatment of P_2O_5 is discussed. An outlook on coming work is given.