

## **Some examples of the use of the FactSage Viscosity module applied to steelmaking**

Wagner Bielefeldt  
Universidade Federal do Rio Grande do Sul

The viscosity of steel slags is an important property, as it allows us to determine, for example, the ability of slags to dissolve inclusions, the foaming of electric arc furnace slags, effective viscosity of slags. It is also an essential factor in metal-slag reactions such as dephosphorization and desulfurization and the wear of refractories.

This work aims to show some examples of viscosity calculation applications in steel production.