

Characterization and valorization of steel co-products

L. Tairi, B. Maalem, A. Boudiaf, D. BERDJANE, N. Ziani, H. Meradji, S. Ghemid

Abstract : The iron industries generate large quantities of slags and mill scale at different scales. We have focused on the physicochemical characterization of slag and battitures from the El Hadjar sideal complex. To evaluate the quality of these co-products, we first used particle size analysis by the laser method followed by density measurements. Finally a microstructural analysis by X-ray diffraction has been completed.

Keywords : slag, Battitures, valorization, characterization