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RESEARCH ON STUDY OF MINERALOGICAL COMPOSITION OF PRODUCTS OF FIRING OF SULFIDE CONCENTRATES OF MOLYBDENUM

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ABSTRACT

The article deals with the formation of oxidized particles during oxidative roasting of molybdenum sulfide concentrates and cakes, as well as under-oxidized cinders and dust of molybdenum production. In the course of the work, various factors influencing the oxidative roasting process, parameters and requirements for the supplied and discharged material were investigated. The results of the analyzes are summarized and conclusions based on them are drawn.

KEYWORDS: *Multiple Hearth Furnace, Intensive Roasting, Cinder, Sulfides, Molybdenum, Cake, Soda Leaching, Oxidative Roasting, Concentrate, Desulfurization, Oxidation State.*

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