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**The Structure and Properties of Sintered Powder Materials of Severstal Company**

**Abstract:** The growth of the powder steel product production opens up enormous opportunities for manufacturing the new steels and alloys from the alloyed and pure iron powders. The Severstal company presents a large range of new diffusion-doped powder materials, which need to be studied in the frame of manufacturing the sintered products. The article investigates the issues referring to the influence of the various sintering modes on the structure and properties of powder steels.