ABSTRACT

The present invention relates to a mixed powder for powder metallurgy containing an iron-base powder and a carbon supply component, in which the carbon supply component contains a graphite powder and a carbon black, and in which a mixing ratio of the graphite powder to the carbon black is in the range of 25 to 85 parts by weight to 75 to 15 parts by weight; and a mixed powder for powder metallurgy containing an iron-base powder and a carbon supply component, in which the carbon supply component contains, as a main component, a carbon black having a dibutyl phthalate absorption of 60 mL/100 g or less and a nitrogen absorption specific surface area of 50 $m^2/g$ or less.

The mixed powder for powder metallurgy of the invention is less in the dust generation and segregation of the carbon supply component. Additionally, when the mixed powder for powder metallurgy of the invention is used, a green compact and a sintered body excellent in the mechanical property can be produced.