ABSTRACT

Provided is a maraging steel powder capable of obtaining an additively manufactured product with reduced deformation after molding and excellent thermal fatigue life characteristics while minimizing Co as much as possible. A maraging steel powder for additive manufacturing includes: in mass%, C: 0.02% or less, Si: 0.1% to 0.3%, Ni: 16% to 20%, Co: 0.1% or less, Mo: 2.7% to 3.5%, Ti: 1.5% to 2.5%, Al: 0.01% or less, and the remainder: Fe and unavoidable impurities. Also provided is a maraging steel additively manufactured product, including: C: 0.02% or less, Si: 0.1% to 0.3%, Ni: 16% to 20%, Co: 0.1% or less, Mo: 2.7% to 3.5%, Ti: 1.5% to 2.5%, Al: 0.01% or less, and the remainder: Fe and unavoidable impurities.

FIG. 1