

**METAL-Si BASED POWDER, METHOD FOR PRODUCING
SAME, METAL-Si BASED SINTERED BODY, SPUTTERING
TARGET, AND METAL-Si BASED THIN FILM
MANUFACTURING METHOD**

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ABSTRACT

A metal-Si based powder contains a metal-Si based particle including a plurality of crystal phase grains. The crystal phase grains include a crystal phase containing a compound of a metal and Si. The crystal phase grains have an average grain size of, for example, 20 μm or less. The metal-Si based particle has an average particle size of, for example, 5 to 100 μm .

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[Fig. 1]