

Article

From Ni-P Metastable Alloy Nanoparticles to Bulk Submicrometer Grain-Sized MMCs with Tunable Mechanical and Magnetic Properties

Mohamed Ali Bousnina, Frédéric Schoenstein, Silvana Mercone, Noureddine Jouini*

Université Paris 13, Sorbonne Paris Cite, Laboratoire des Sciences des Procédés et des Matériaux, CNRS, UPR 3407, 99 avenue Jean Baptiste Clément, F-93430 Villetaneuse, France; medalibousnina@yahoo.fr (M.A.B.); frederic.schoenstein@univ-paris13.fr (F.S.); silvana.mercone@univ-paris13.fr (S.M.)

* Correspondence: jouini@univ-paris13.fr (N.J.); Tel.: +33-1-49-40-34-35

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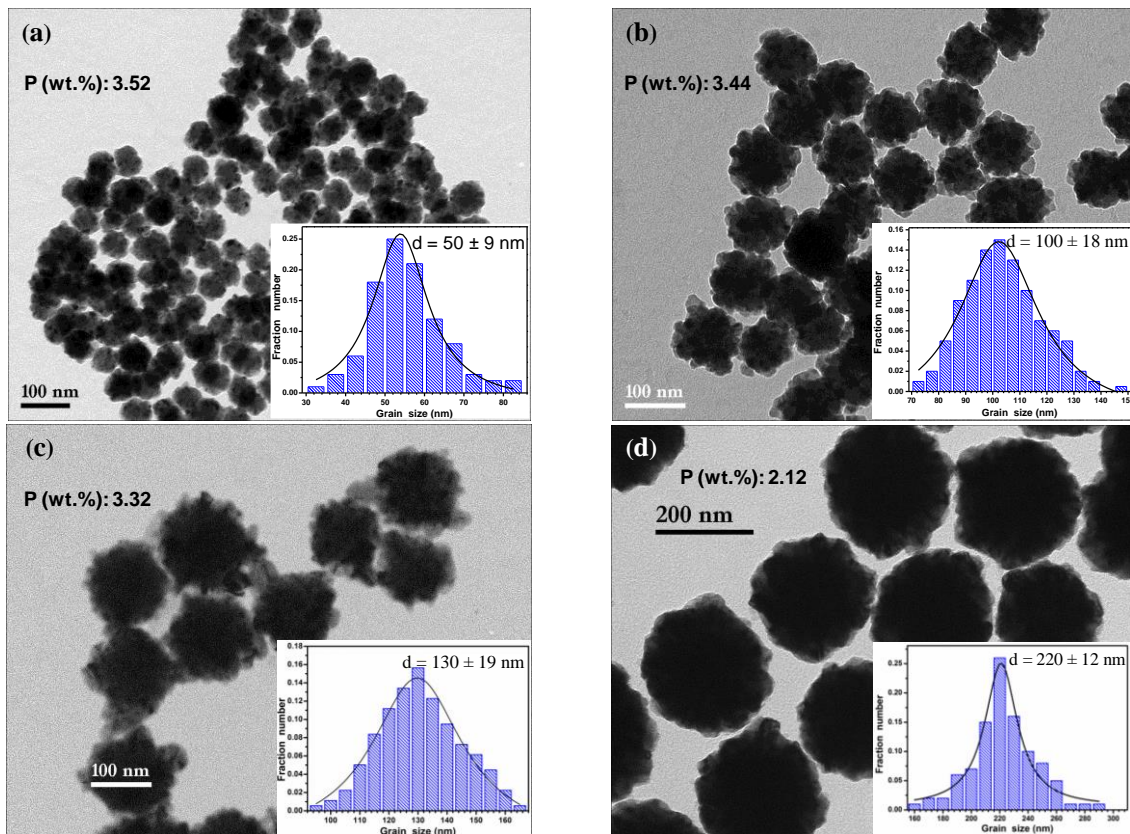


Figure S1. TEM micrographs of the as-elaborated nickel-phosphorus precursor powder, grain size histogram and percentage weight of phosphorus (a) NiP50, (b) NiP100, (c) NiP130 and (d) NiP220.

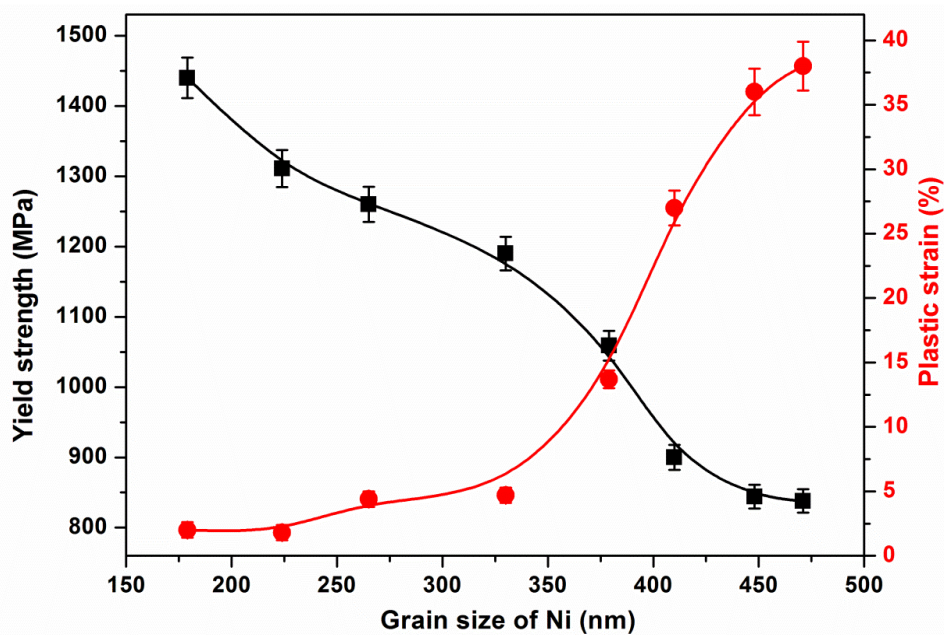


Figure S2. Variation of yield stress and plastic strain of the consolidated samples at 600 °C from Ni-P powder (100 nm) versus the grain size of the Ni.

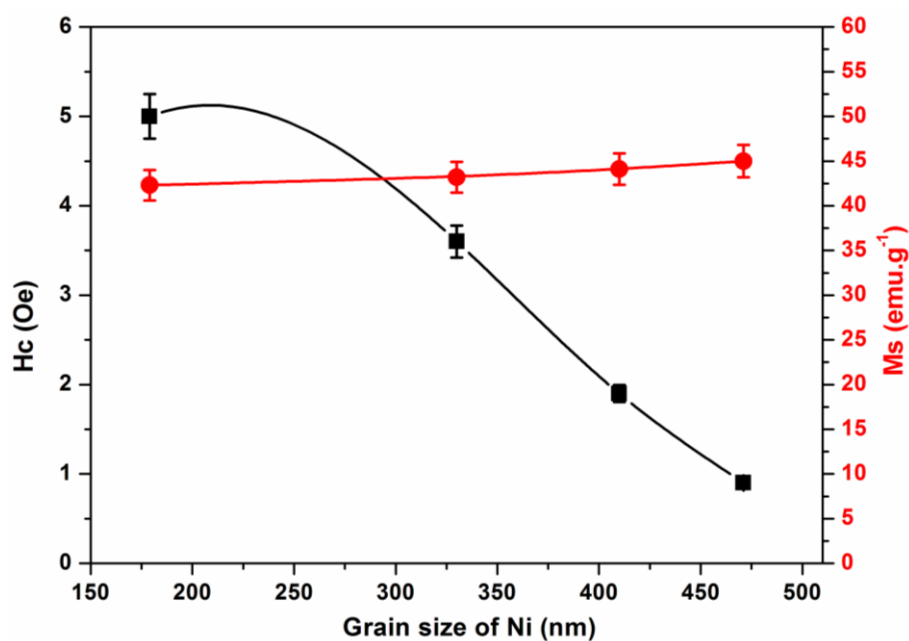


Figure S3. Variation of the saturation magnetization (M_s) and coercive field (H_c) at 300K of the consolidated samples at 600 °C from Ni-P powder (100 nm) versus the grain size of the Ni.

