

Supporting information to  
*Self-propagating reactive Al/Ni  
nanocomposites for bonding  
applications*

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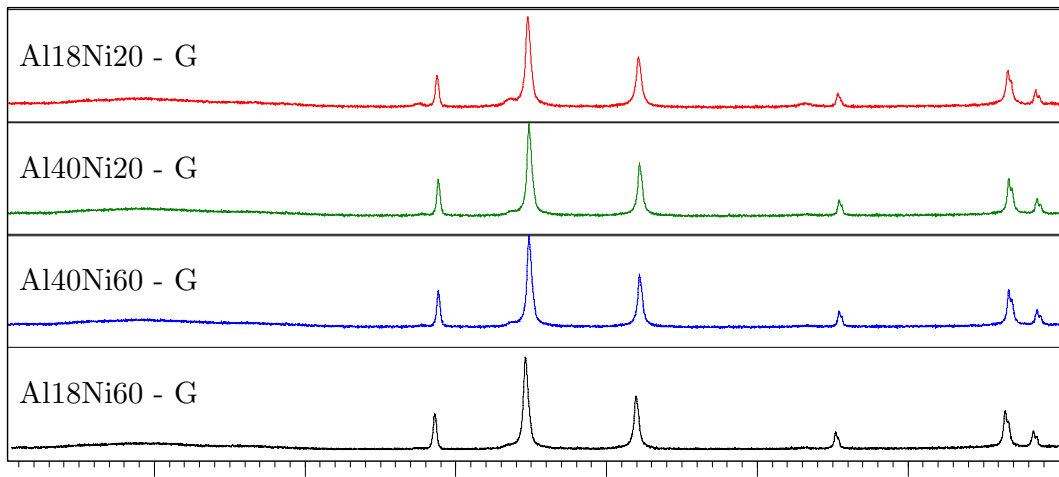


Figure 1: XRD graphs of the grinded samples, showing only Al and Ni phases.

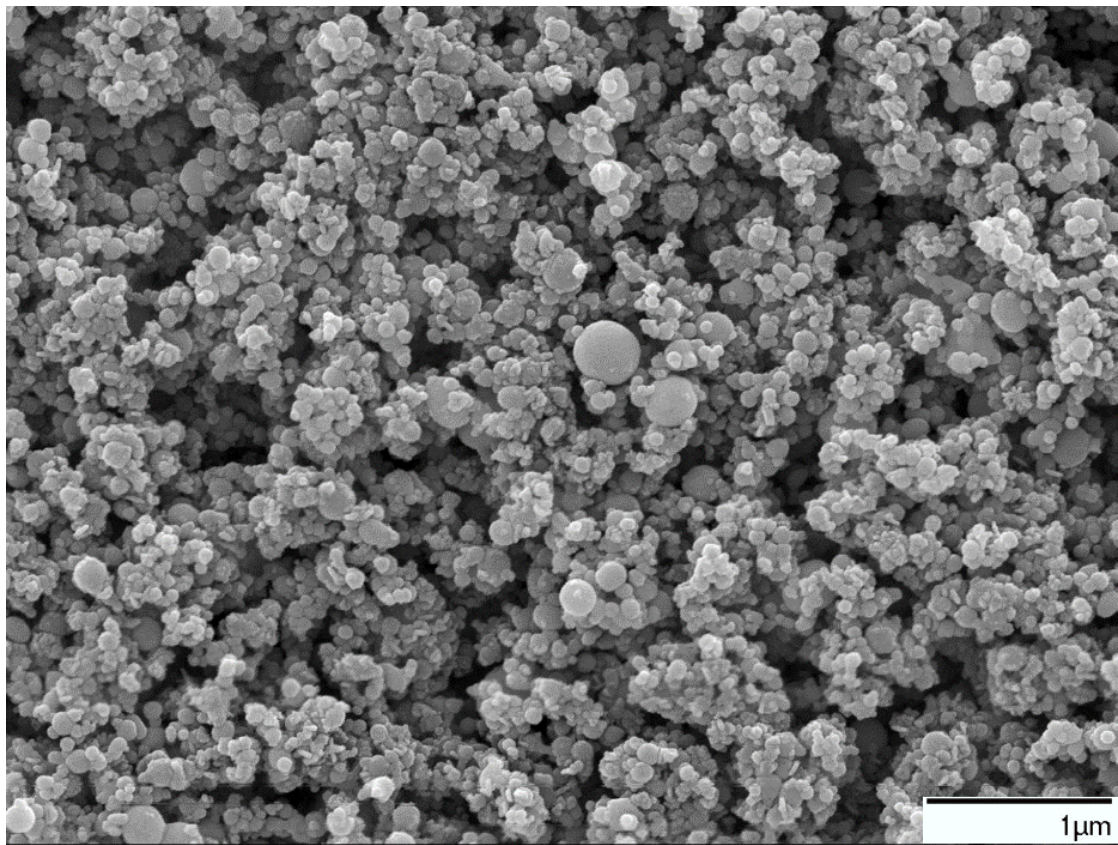


Figure 2: Representative SEM image of an Al<sub>40</sub>Ni<sub>60</sub> sample.

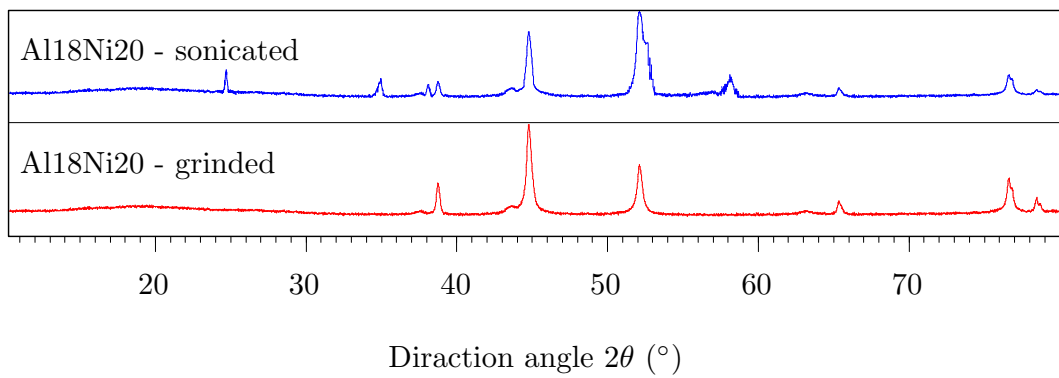


Figure 3: Comparison of XRD measurements of grinded and sonicated Al18Ni20 samples. The sonicated sample shows vast amounts of  $\text{Al}_2\text{O}_3$ , while the grinded sample shows no oxidized phases.