

Supplementary Information

Selective Oxidation of Amorphous Carbon by CO₂ to Produce Fe@C Nanoparticles from Bulky Fe/C Matrices

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Figure S1 shows the Raman spectrum of the precursor 8Fe800, before CO₂ oxidation.

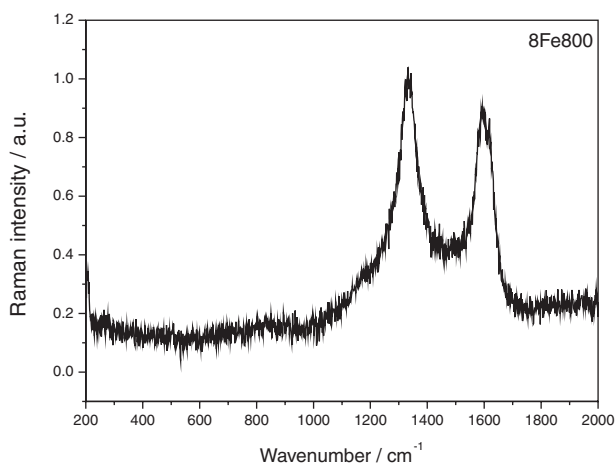


Figure S1. Raman spectra of the sample 8Fe800 before selective oxidation with CO₂.

Figure S2 shows TG curves obtained in air atmosphere for the material 8Fe800 after CO₂ oxidation.

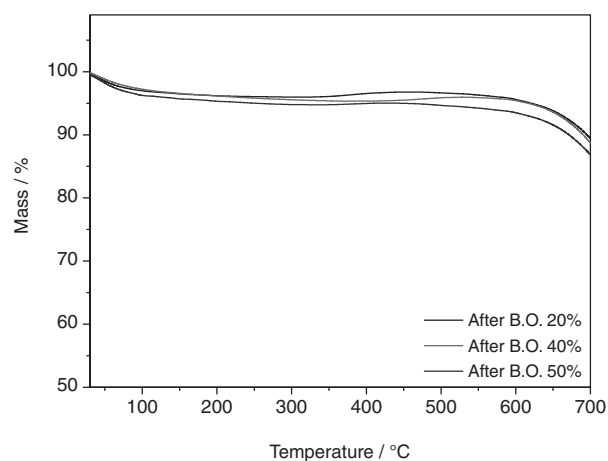


Figure S2. TG curves (in air) for the sample 8Fe800 after selective oxidation with CO₂ of 20, 40 and 50 wt. %.