

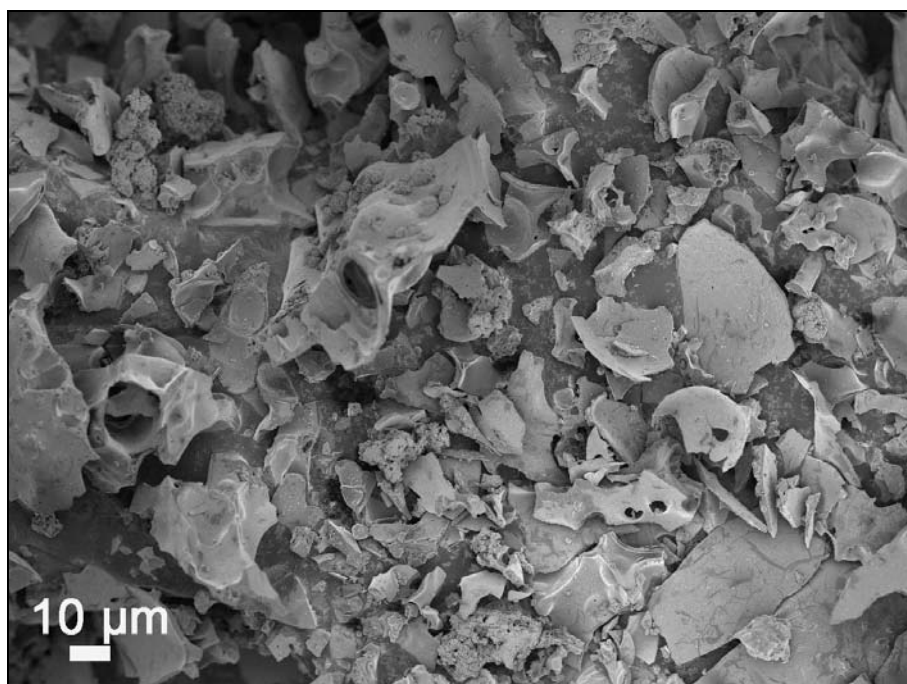
## **Supplementary Information**

### **A simple approach to spherical carbon-nickel monolith as light-weight microwave absorbers**

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**Fig. S1** SEM images of the grounded Ni-C monolith after annealing.



**Table S1** C, N, H and O content (wt.%) of the three samples.

	C(%)	N(%)	H(%)	O(%)
Ni-C-11.9%	47.73	14.05	1.82	24.50
Ni-C-18.2%	42.75	13.96	1.87	23.22
Ni-C-29.8%	36.52	13.27	1.91	18.50

**Fig. S2** (a) XRD patterns of the Ni-C nanocomposites annealed at 400 °C and 500 °C (b) Microwave reflection losses of the Ni-C nanocomposites annealed at 500 °C.

