

Electronic Supplementary Information for Preparation of micron sized graphite by spark plasma

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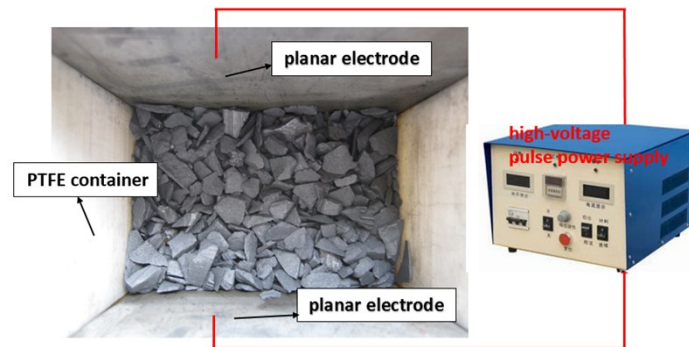


Fig. S1: Schematic illustration of the spark plasma technique.

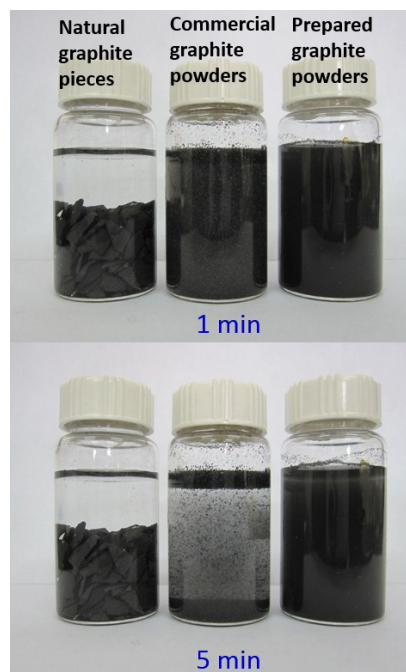


Fig. S2: The dispersion properties of the natural graphite, commercial graphite powders and the prepared micron sized graphite powders after setting aside for 5 min in aqueous solution.

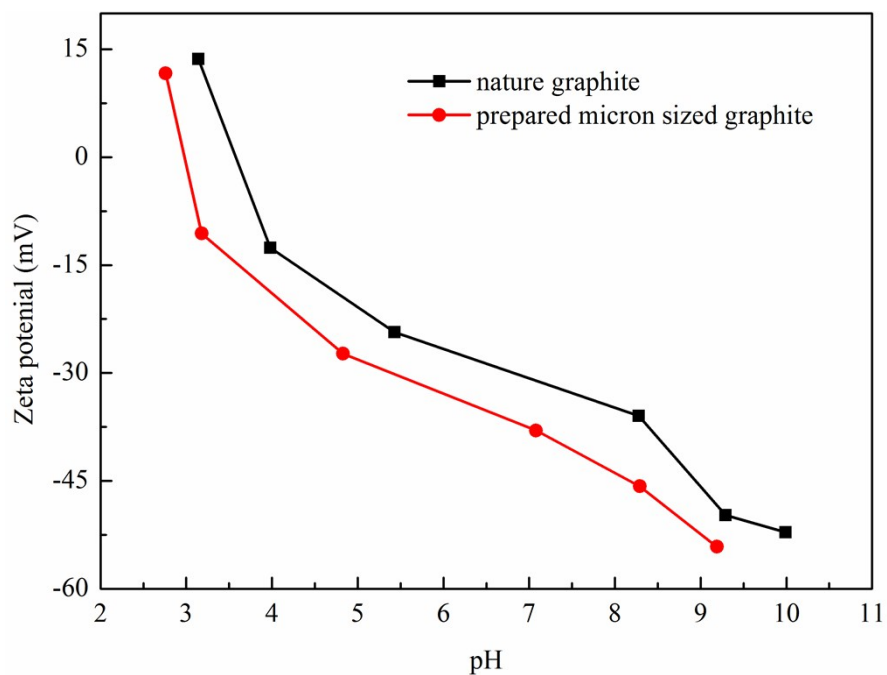


Fig. S3: The zeta potential of the commercial graphite powders and the prepared micron sized graphite

It can be seen from Fig. S3 that the zeta potential of the prepared micron sized graphite is lower than that of commercial graphite powder due to the more oxygen-containing functional groups on the surface.