

## Supplementary Material

# Copper Ion Removal Using a Waste-Plastic-Derived Hydrogel Adsorbent Prepared via Microwave-Assisted PET Aminolysis

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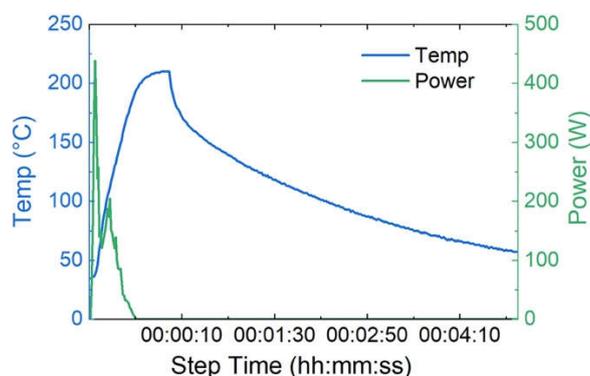
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### 1. Experimental conditions of microwave-assisted depolymerization of PET

The aminolysis of PET was performed in the microwave reactor (Monowave 400, Anton Paar) under autogenous pressure. The reaction was carried out at 200 °C for *ca.* 1 minute (**Figure S1**).



**Figure S1.** Dependences of the microwave power and reaction mixture temperature on the reaction time.