

Supplementary Material

The Effects of Monomer, Crosslinking Agent, and Filler Concentrations on the Viscoelastic and Swelling Properties of poly(methacrylic acid) Hydrogels: A Comparison

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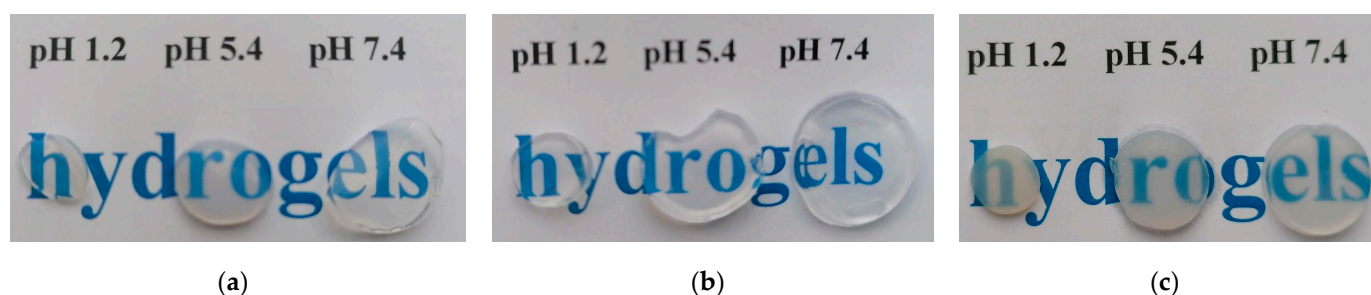


Figure S1. The appearance of hydrogels at different pH values: (a) **SH sample** (10%MAA-2%BIS-0%MMT); (b) **H1%BIS sample** (10%MAA-1%BIS-0%MMT); (c) **H2%MMT** (10%MAA-2%BIS-2%MMT).

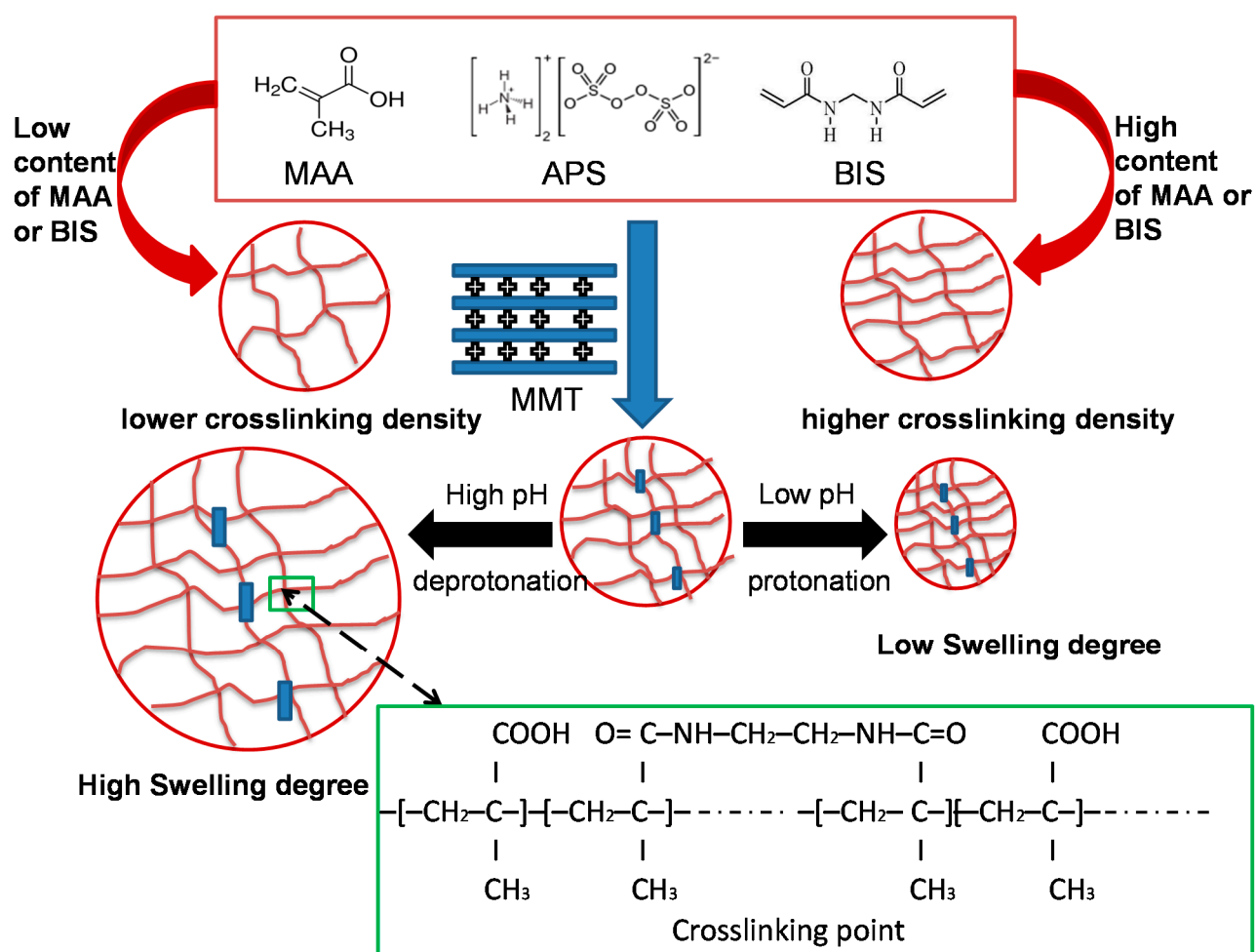


Figure S2. Mechanism of the swelling process.

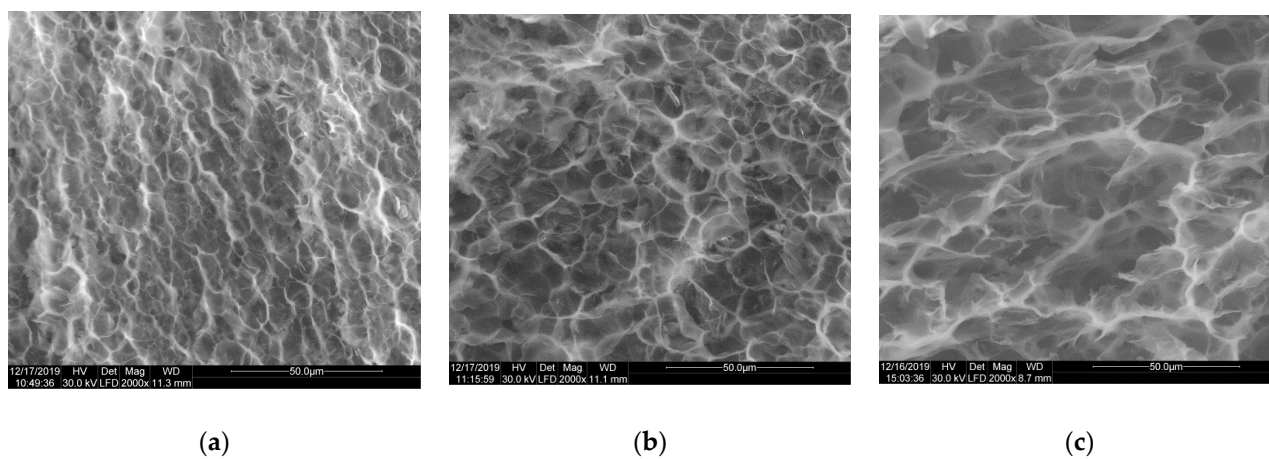


Figure S3. SEM micrographs of lyophilized H2%MMT samples swollen at different pH values: (a) pH 1.2; (b) pH 5.4; (c) pH 7.4.