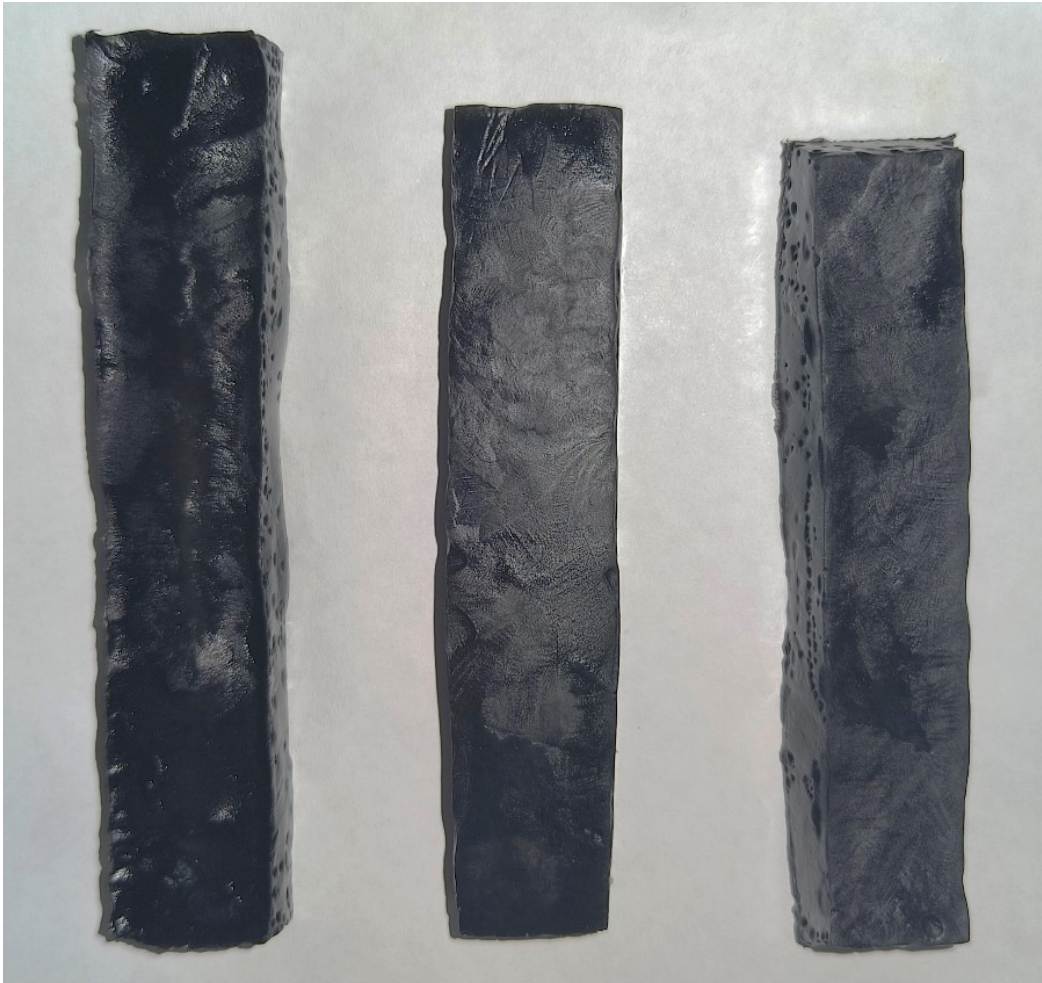


**Mechanical, Robust and Conductivity Self-Assembling Hydrogel,  
Novel Electromagnetic Shielding Material**

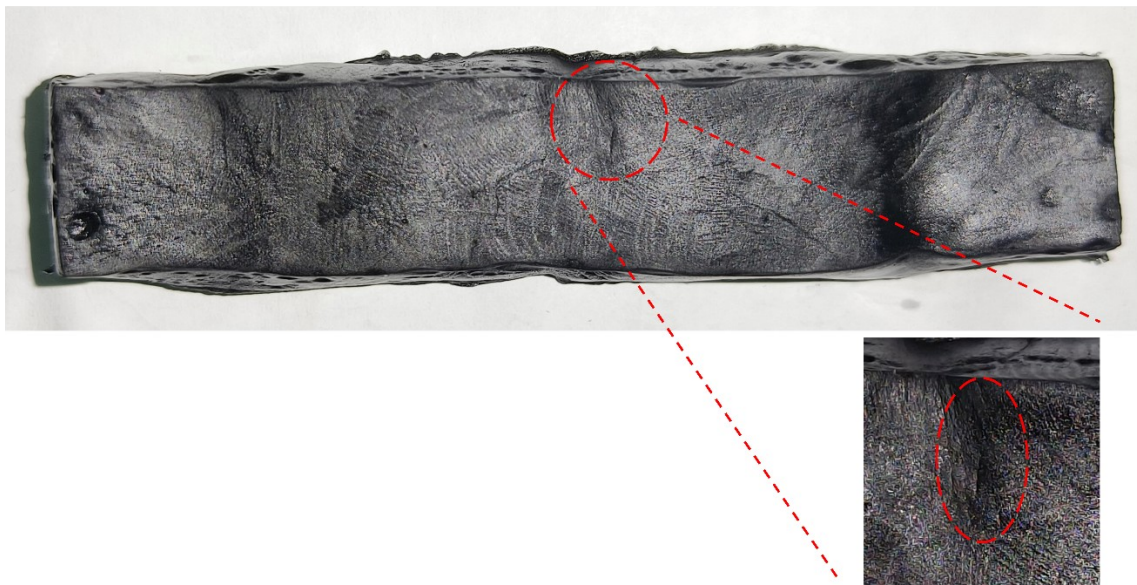
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**Fig. S1.** Optical photograph of PPMS hydrogels



**Fig. S2.** Optical photograph of PPMS hydrogels