

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Stretching process of TFE-HF-QD1.0 at a stretching speed of 40 mm min⁻¹ under UV light.

File Name: Supplementary Movie 2

Description: A luminescent cotton fabric under deformation.

File Name: Supplementary Movie 3

Description: A luminescent cotton fabric in water environment.