

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: The difference in the photo-induced phase transition behaviors of M-, and H-azo.

File Name: Supplementary Movie 2

Description: The continues photomechanical response of the DGI/M-azo film under light.

File Name: Supplementary Movie 3

Description: The bending of the polymer in response to a UV light.