

Electro-Optical Properties of a Polymer Dispersed and Stabilized Cholesteric Liquid Crystals System Constructed by a Stepwise UV-Initiated Radical/Cationic Polymerization

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Table S1. Weight ratio of the ChLC.

	SLC 1717 (wt%)	S811 (wt%)
ChLC	97.0	3.0

Table S2. Molar / weight ratio of the IAMs we used in this work.

Monomers	HPMA	LMA	PEGDA600	Bis-EMA15
Molar Ratio	69.0%	25.9%	4.1%	1.0%
Weight Ratio	48.0 wt%	32.0 wt%	12.0 wt%	8.0 wt%

Table S3. Weight ratio of the photo-initiator.

	UVI 6976 (wt%)	651 (wt%)
PI	33.3%	66.7%

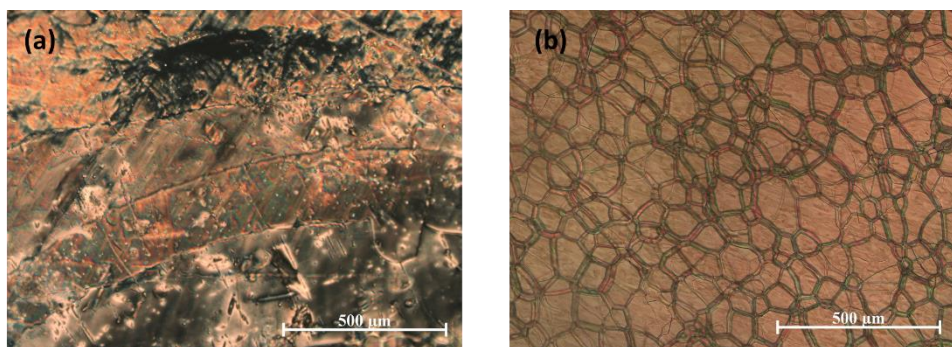


Figure S1. POM textures of SLC 1717 and ChLC (97 wt% SLC1717 + 3 wt% S811).

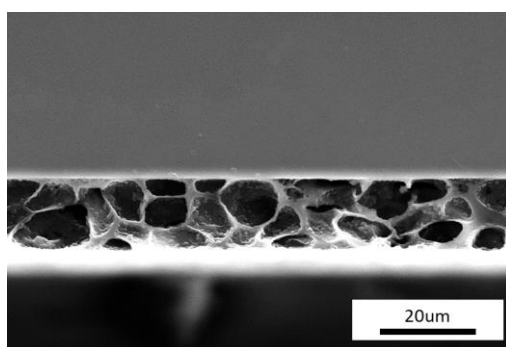


Figure S2. SEM photograph of the porous network in 80s.

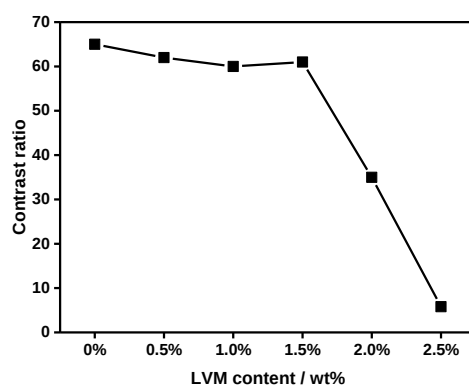


Figure S3. The contrast ratio of the films with different LVM contents.

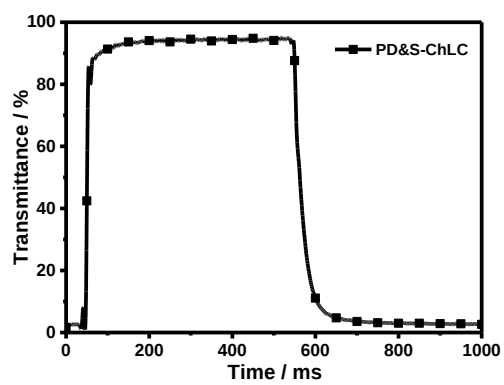


Figure S4. Response time of switching state conversion of the film.