

Oral Presentation

[LCT7/FLX5]Flexible LCDs

Chair: Shinichiro Oka (Japan Display Inc.)

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2:10 PM - 2:30 PM

[LCT7/FLX5-3]Formation of polymer walls with a high aspect ratio on a plastic substrate

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Keywords:polymer wall, phase separation, plastic substrate

We formed polymer walls with a high aspect ratio on a plastic substrate. Polymer walls are formed without a photomask through the phase separation of liquid crystal/reactive mesogen mixture induced by a spatial difference of elastic energy and electric field intensity.