[LCTp2] Alignment Technologies
Thu. Nov 28, 2019 10:40 AM - 1:10 PM Main Hall (1F)

10:40 AM - 1:10 PM

[LCTp2-3] The influence of PI and Reactive Mesogens to the formation and stability of pretilt angle

*Wei Cui¹, Hongquan Wei², Te-Jen Tseng², Chung-Ching Hsieh² (1. Peking University Shenzhen Graduate School/Shenzhen China Star Optoelectronics Technology Co., Ltd (China), 2. Shenzhen China Star Optoelectronics Technology Co., Ltd (China))
Keywords:PSVA LC;, The stability of pretilt angle, Reactive Mesogen, Polyimide

In the large-area fabrication of real panel, black circle and banding mura arised. This phenomenon was improved by adjusting the structure of PI and RM: PI with rigid side chain and RM with soft sturcture could make smaller pretilt angle and better pretilt stability.