

Synthesis and Characterization of Novel Polyimides for Vertical Alignment

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VA-LCDs is widely used for recent LCD productions because of wide viewing angle characteristics. To apply for VA-LCDs, the alignment materials(polyimides) must generate high pretilt angle and have good electro-optical properties. Former polyimides with alkyl side chain generated high pretilt angle but had low wettability of liquid crystal. So in this study, we synthesized and characterized a novel polyimides for vertical alignment.

To be presented in the Liquid Crystal and Other Non-Emissive Displays

I would like to present a poster at the symposium.