

## Organic Light Emitting Devices Fabricated by Screen Printing Process

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Screen printing process has been utilized for many printing applications for a long time. The screen printing is the simplest printing process and can be applied for the printings on large-area, various solid surfaces. A main advantage of using the screen printing process is that the patterning can be achieved with the preparation of thin ink film at the same time. This advantage can be easily applied to the fabrication process of organic light emitting devices(OLED).

In this study the organic thin films containing the low molecular weight fluorescent dyes are prepared by the screen printing process. The organic light emitting devices are fabricated by printing the organic films on ITO surface. Some important issues on the fabrication process will be discussed.