

Coating Defects in Roll-to-Roll Printed Electronics

Eitan Zeira and Jeremiah Mwaura
Konarka Technologies Inc
116 John Street
Lowell, MA 01852

Abstract

The emergence of printed organic electronics as an industry holds considerable promise for the display and PV sectors. Printing especially on a roll to roll format is especially attractive in this industry for the potential to help bring down costs of organic multi-layered electronics such as organic light emitting diodes (OLEDs) solar cells (OPVs.) Although a lot of the coating issues faced in this area of 'functional' printing are similar to those in traditional microelectronics, there are a host of other printing challenges that are unique to this industry. In this presentation, we will discuss some of the coating defects and challenges encountered in the organic functional electronics printing.