## **Factors Affecting Sheet Resistivity of Gravure Printed PEDOT:PSS**

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## **ABSTRACT**

This work reports on effect of paper substrates properties on sheet resistivity of gravure printed PEDOT:PSS layers. Three different label stock paper substrates were printed with PEDOT:PSS based ink using laboratory scale gravure K-printing proofer. In order to evaluate which substrate properties affect measured sheet resistivity the most, a number of tests was performed including roughness, compressibility, surface energy, pore-size distribution and water penetration.