

SYNTHESIS AND CHARACTERISATION OF CONJUGATED POLYMER OF 1,2 DICHLORO BENZENE AND NAPHTHALENE

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ABSTRACT

In the present work, we tried to solve the problems of solublization, processibility and device fabrication for the ppps. We synthesized Co-polymer of 1,2Di-ChloroBenzene with Naphthalene. The co-polymer (Poly-CIBN) has to be shifted in the PL spectra corresponding to the monomers. The property of the PPPs polymers like solubility, processibility gets quite improvised. The conjugated polymer so formed is analysed on the basis of spectroscopic method of UV, IR, and NMR spectroscopy.

KEYWORDS: NMR, IR, UV, 1, 2 Di-Chloro Benzene, Naphthalene, Conjugated Polymer, PPPs