



Electrochemical synthesis of poly(30-alkylterthiophenes). Characterization and applications

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Auteur	Diaz, F.-R. [1], Jessop, I [2], Nunez, C [3], del Valle, M.-A. [4], Zamora, P. P. [5], Bernède, Jean Christian [6]
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Résumé en anglais	<p>A new series of polymers obtained from 30-alkyl-terthiophene monomers have been electropolymerized aimed at using them as raw materials for the development of electronic devices, e.g., solar cell and organic light-emitting diodes, among others. The polymers were characterized by infrared and UV-Vis spectroscopy and cyclic voltammetry. Cyclic voltammetry results revealed that during polymerization both terthiophene system and substituent groups are oxidized, but these processes are reversible.</p>
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