Accepted Manuscript

Polytriphenylamine derivative with enhanced electrochemical performance as the organic cathode material for rechargeable batteries

Jiagi Xiong, Zhi Wei, Tao Xu, Yang Zhang, Chuanxi Xiong, Lijie Dong

PII: S0032-3861(17)30960-6

DOI: 10.1016/j.polymer.2017.10.004

Reference: JPOL 20046

To appear in: Polymer

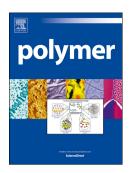
Received Date: 30 May 2017

Revised Date: 13 August 2017

Accepted Date: 2 October 2017

Please cite this article as: Xiong J, Wei Z, Xu T, Zhang Y, Xiong C, Dong L, Polytriphenylamine derivative with enhanced electrochemical performance as the organic cathode material for rechargeable batteries, *Polymer* (2017), doi: 10.1016/j.polymer.2017.10.004.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT Polymer layer Current collector Organic Voltage(V vs. Li/Li⁺) PTPA-PO cathode e-3.8V Functional pendant Lithium 2.0 metal 90 120 Conducting polymer backbone

Capacity(mAh·g⁻¹)

Download English Version:

https://daneshyari.com/en/article/5177597

Download Persian Version:

https://daneshyari.com/article/5177597

<u>Daneshyari.com</u>