

Accepted Manuscript

Fluorescence behavior of syndiotactic polystyrene and its derivative: formation of a ground-state dimer in the solid state

Takumi Sano, Akane Uchiyama, Tomohiro Sago, Hideyuki Itagaki

PII: S0014-3057(16)31577-4
DOI: <http://dx.doi.org/10.1016/j.eurpolymj.2017.02.041>
Reference: EPJ 7743

To appear in: *European Polymer Journal*

Received Date: 25 November 2016
Revised Date: 24 February 2017
Accepted Date: 27 February 2017

Please cite this article as: Sano, T., Uchiyama, A., Sago, T., Itagaki, H., Fluorescence behavior of syndiotactic polystyrene and its derivative: formation of a ground-state dimer in the solid state, *European Polymer Journal* (2017), doi: <http://dx.doi.org/10.1016/j.eurpolymj.2017.02.041>

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.



Fluorescence behavior of syndiotactic polystyrene and its derivative: formation of a ground-state dimer in the solid state

Takumi Sano,¹ Akane Uchiyama,² Tomohiro Sago,³ and Hideyuki Itagaki^{1,2}*

¹Department of Chemistry, Graduate School of Science and Technology, Shizuoka University, 836 Ohya, Suruga-ku, Shizuoka, 422-8529, Japan

²Department of Chemistry, School of Education, Shizuoka University, 836 Ohya, Suruga-ku, Shizuoka, 422-8529, Japan

Tel: +81-54-238-4627, Fax: +81-54-237-3354, E-mail: itagaki.hideyuki@shizuoka.ac.jp

³ Department of Chemistry, Kisarazu National College of Technology, 2-11-1 Kiyomidai-Higashi, Kisarazu, Chiba 292-0041, Japan

Keywords: syndiotactic polystyrene; fluorescence; ground-state dimer; amorphous; gel; ultrathin film

Download English Version:

<https://daneshyari.com/en/article/5159776>

Download Persian Version:

<https://daneshyari.com/article/5159776>

[Daneshyari.com](https://daneshyari.com)