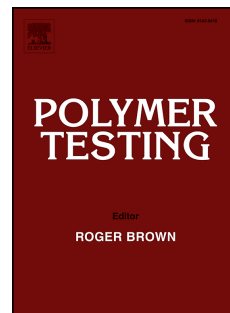


Accepted Manuscript

An encouraging recyclable synergistic hydrogen bond crosslinked high-performance polymer with visual detection of tensile strength

Guanjun Chang, Cheng Wang, Lixian Song, Li Yang



PII: S0142-9418(18)31175-9

DOI: [10.1016/j.polymertesting.2018.08.035](https://doi.org/10.1016/j.polymertesting.2018.08.035)

Reference: POTE 5597

To appear in: *Polymer Testing*

Received Date: 28 July 2018

Revised Date: 23 August 2018

Accepted Date: 31 August 2018

Please cite this article as: G. Chang, C. Wang, L. Song, L. Yang, An encouraging recyclable synergistic hydrogen bond crosslinked high-performance polymer with visual detection of tensile strength, *Polymer Testing* (2018), doi: 10.1016/j.polymertesting.2018.08.035.

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.

1 **An encouraging recyclable synergistic hydrogen bond crosslinked**
2 **high-performance polymer with visual detection of tensile strength**

3 *Guanjun Chang,^{*ab} Cheng Wang,^b Lixian Song,^a Li Yang,^{*ab}*

4 ^a State Key Laboratory of Environment-friendly Energy Materials & School of Material
5 Science and Engineering, Southwest University of Science and Technology, Mianyang,
6 621010, P. R. China.

7 ^b Department of Chemical and Biomolecular Engineering, University of Pennsylvania,
8 Philadelphia, Pennsylvania 19104, United States.

9 *To whom correspondence should be addressed: Guanjun Chang, Email:
10 gichang@mail.ustc.edu.cn; Li Yang, Email: yanglichem628@126.com.

11

12 KEYWORDS: High-performance polymer, Crosslink, Hydrogen bond, Recyclable,
13 Visual tensile strength.

14

Download English Version:

<https://daneshyari.com/en/article/10135274>

Download Persian Version:

<https://daneshyari.com/article/10135274>

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