

Accepted Manuscript

Transparent plywood as a load-bearing and luminescent biocomposite

Qiliang Fu, Min Yan, Erik Jungstedt, Xuan Yang, Yuanyuan Li, Lars A. Berglund

PII: S0266-3538(18)30159-3

DOI: [10.1016/j.compscitech.2018.06.001](https://doi.org/10.1016/j.compscitech.2018.06.001)

Reference: CSTE 7257

To appear in: *Composites Science and Technology*

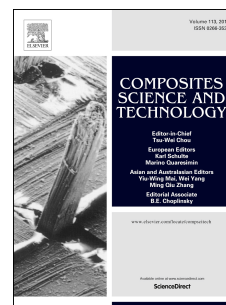
Received Date: 19 January 2018

Revised Date: 30 April 2018

Accepted Date: 2 June 2018

Please cite this article as: Fu Q, Yan M, Jungstedt E, Yang X, Li Y, Berglund LA, Transparent plywood as a load-bearing and luminescent biocomposite, *Composites Science and Technology* (2018), doi: 10.1016/j.compscitech.2018.06.001.

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.



Transparent plywood as a load-bearing and luminescent biocomposite

Qiliang Fu ^a, Min Yan ^b, Erik Jungstedt ^a, Xuan Yang ^a, Yuanyuan Li ^{a,*} and Lars A. Berglund ^{a*}

Q. Fu, E. Jungstedt, X. Yang, Dr. Y. Li and Prof. L. Berglund

^a Wallenberg Wood Science Center, Department of Fiber and Polymer Technology, KTH-Royal Institute of Technology, SE-10044 Stockholm, Sweden

Dr. M. Yan

^b Department of Applied Physics, School of Engineering Sciences, KTH-Royal Institute of Technology, SE-16440 Kista, Sweden

* Corresponding author: blund@kth.se; yua@kth.se

Keywords: transparent wood; nanotechnology; biocomposite; photonics

Download English Version:

<https://daneshyari.com/en/article/7214280>

Download Persian Version:

<https://daneshyari.com/article/7214280>

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