

Accepted Manuscript

Lignocellulosic fiber breakage in a molten polymer. Part 1. Qualitative analysis using rheo-optical observations

R. Castellani, E. Di Giuseppe, J. Beaugrand, S. Dobosz, F. Berzin, B. Vergnes, T. Budtova

PII: S1359-835X(16)30342-6

DOI: <http://dx.doi.org/10.1016/j.compositesa.2016.10.015>

Reference: JCOMA 4452

To appear in: *Composites: Part A*

Received Date: 16 June 2016

Revised Date: 7 September 2016

Accepted Date: 15 October 2016

Please cite this article as: Castellani, R., Di Giuseppe, E., Beaugrand, J., Dobosz, S., Berzin, F., Vergnes, B., Budtova, T., Lignocellulosic fiber breakage in a molten polymer. Part 1. Qualitative analysis using rheo-optical observations, *Composites: Part A* (2016), doi: <http://dx.doi.org/10.1016/j.compositesa.2016.10.015>

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.



**Lignocellulosic fiber breakage in a molten polymer. Part 1. Qualitative analysis
using rheo-optical observations**

R. Castellani^{a*}, E. Di Giuseppe^a, J. Beaugrand^{b,c}, S. Dobosz^{b,c}, F. Berzin^c,

B. Vergnes^a, T. Budtova^a

^a *MINES ParisTech, PSL - Research University, CEMEF – UMR CNRS 7635, CS 10207,
06904, Sophia Antipolis Cedex, France*

^b *INRA, UMR614 FARE (Fractionnement des AgroRessources et Environnement),
2 esplanade Roland-Garros, 51686 Reims, France*

^c *Université de Reims Champagne-Ardenne, UMR614 FARE (Fractionnement des
AgroRessources et Environnement), 2 esplanade Roland-Garros, 51686 Reims, France*

* Corresponding author: R. Castellani

romain.castellani@mines-paristech.fr

Download English Version:

<https://daneshyari.com/en/article/5439723>

Download Persian Version:

<https://daneshyari.com/article/5439723>

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