

Accepted Manuscript

Resistance curves of short-fiber reinforced methacrylate-based biomedical composites

Michael Wendler, Renan Belli, Martina Schachtner, Gudrun Amberger, Anselm Petschelt, Tobias Fey, Ulrich Lohbauer

PII: S0013-7944(17)30809-3
DOI: <https://doi.org/10.1016/j.engfracmech.2017.12.008>
Reference: EFM 5789

To appear in: *Engineering Fracture Mechanics*

Received Date: 3 August 2017
Revised Date: 23 November 2017
Accepted Date: 8 December 2017

Please cite this article as: Wendler, M., Belli, R., Schachtner, M., Amberger, G., Petschelt, A., Fey, T., Lohbauer, U., Resistance curves of short-fiber reinforced methacrylate-based biomedical composites, *Engineering Fracture Mechanics* (2017), doi: <https://doi.org/10.1016/j.engfracmech.2017.12.008>

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.



Resistance curves of short-fiber reinforced methacrylate-based biomedical composites

Michael Wendler ^{a, b, §}, Renan Belli ^{a, §, *}, Martina Schachtner ^a, Gudrun Amberger ^a, Anselm Petschelt ^a, Tobias Fey ^c, Ulrich Lohbauer ^a

^a Friedrich-Alexander Universität Erlangen-Nürnberg (FAU), Zahnklinik 1 – Zahnerhaltung und Parodontologie, Forschungslabor für dentale Biomaterialien, Glueckstrasse 11, 91054 Erlangen, Germany

^b Department of Restorative Dentistry, Faculty of Dentistry, University of Concepción, Concepción, Chile

^c Friedrich-Alexander Universität Erlangen-Nürnberg (FAU), Department Werkstoffwissenschaften, Lehrstuhl WW3: Glas und Keramik, Martenstrasse 5, 91058 Erlangen, Germany

[§] These authors contributed equally to this work

* Corresponding author:

Renan Belli, PhD

Research Laboratory for Dental Biomaterials

Dental Clinic 1 – Operative Dentistry and Periodontology

Glueckstrasse 11

D-91054 Erlangen

Germany

Tel.: +49 9131 854 3741

Fax: +49 9131 853 3603

e-mail: rbeli@dent.uni-erlangen.de

Download English Version:

<https://daneshyari.com/en/article/7169071>

Download Persian Version:

<https://daneshyari.com/article/7169071>

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