

J-Integral Fracture Toughness, Tearing Modulus and Tensile Properties of Vitamin E Stabilized Radiation Crosslinked UHMWPE

Anuj Bellare, Robert Dorfman, Ashwanth Samuel, Thomas S. Thornhill



PII: S1751-6161(16)30049-2
DOI: <http://dx.doi.org/10.1016/j.jmbbm.2016.03.029>
Reference: JMBBM1862

To appear in: *Journal of the Mechanical Behavior of Biomedical Materials*

Received date: 4 February 2016

Accepted date: 30 March 2016

Cite this article as: Anuj Bellare, Robert Dorfman, Ashwanth Samuel and Thomas S. Thornhill, J-Integral Fracture Toughness, Tearing Modulus and Tensile Properties of Vitamin E Stabilized Radiation Crosslinked UHMWPE *Journal of the Mechanical Behavior of Biomedical Materials* <http://dx.doi.org/10.1016/j.jmbbm.2016.03.029>

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 galley proof before it is published in its final citable 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

J-Integral Fracture Toughness, Tearing Modulus and Tensile Properties of Vitamin E Stabilized Radiation Crosslinked UHMWPE

Anuj Bellare, Robert Dorfman, Ashwanth Samuel and Thomas S. Thornhill

Department of Orthopedic Surgery, Brigham & Women's Hospital, Harvard Medical School, Boston
MA 02115 USA

Corresponding author: Anuj Bellare, PhD

Address: 75 Francis St, MRB 106

Brigham & Women's Hospital

Boston, MA 02115

Ph: (617) 732 5864

Fax: (617) 732 6705

Email: anuj@alum.mit.edu

Download English Version:

<https://daneshyari.com/en/article/7207927>

Download Persian Version:

<https://daneshyari.com/article/7207927>

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