

Accepted Manuscript

Superior biomaterials using diamine modified graphene grafted polyurethane

Dinesh K. Patel, Vivek Gupta, Ashish Dwivedi, Sanjeev K. Pandey, Vinod K. Aswal, Dipak Rana, Pralay Maiti



PII: S0032-3861(16)30983-1

DOI: [10.1016/j.polymer.2016.10.060](https://doi.org/10.1016/j.polymer.2016.10.060)

Reference: JPOL 19160

To appear in: *Polymer*

Received Date: 19 July 2016

Revised Date: 25 October 2016

Accepted Date: 29 October 2016

Please cite this article as: Patel DK, Gupta V, Dwivedi A, Pandey SK, Aswal VK, Rana D, Maiti P, Superior biomaterials using diamine modified graphene grafted polyurethane, *Polymer* (2016), doi: 10.1016/j.polymer.2016.10.060.

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.

Superior Biomaterials using diamine modified graphene grafted polyurethane

Dinesh K. Patel¹, Vivek Gupta¹, Ashish Dwivedi², Sanjeev K. Pandey², Vinod K. Aswal³, Dipak Rana⁴, and Pralay Maiti^{1,*}

¹ *School of Material Science and Technology, Indian Institute of Technology (Banaras Hindu University) Varanasi 221 005, India*

² *Department of Zoology, Banaras Hindu University, Varanasi 221 005, India*

³ *Solid State Physics Division, Bhabha Atomic Research Centre, Trombay, Mumbai 400085, India*

⁴ *Industrial Membrane Research Institute, Department of Chemical and Biological Engineering, University of Ottawa, 161 Louis Pasteur St., Ottawa, ON K1N6N5, Canada.*

* Corresponding author: pmaiti.mst@itbhu.ac.in (P. Maiti)

Download English Version:

<https://daneshyari.com/en/article/5178655>

Download Persian Version:

<https://daneshyari.com/article/5178655>

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