

Accepted Manuscript

Title: Mechanical properties of waste paper/jute fabric reinforced polyester resin matrix hybrid composites.

Author: Sekhar Das

PII: S0144-8617(17)30553-2
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2017.05.036>
Reference: CARP 12322



To appear in:

Received date: 10-3-2017
Revised date: 20-4-2017
Accepted date: 11-5-2017

Please cite this article as: & Das, Sekhar., Mechanical properties of waste paper/jute fabric reinforced polyester resin matrix hybrid composites. *Carbohydrate Polymers* <http://dx.doi.org/10.1016/j.carbpol.2017.05.036>

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.

**Mechanical properties of waste paper/jute fabric reinforced polyester resin matrix hybrid
composites**

Sekhar Das

**Corresponding author – Scientist, ICAR-Central Sheep and Wool Research Institute*

Avikanagar, Rajasthan-304501, Tel. 01437-220162 Fax No.01437-220163

[E.mail- Sekhar.Das@icar.gov.in](mailto:Sekhar.Das@icar.gov.in)

Highlights

- Unshared waste paper/jute based composite fabrication process is summarized.
- Physicochemical characterization of reinforcing material is presented.
- Mechanical properties of composites are evaluated.

Abstract

Hybrid composites were prepared with jute fabric and un-shredded newspaper in polyester resin matrix. The experiment was designed 1:2 weights ratio jute and unshredded newspaper to have 42 (w/w)% fibre

Download English Version:

<https://daneshyari.com/en/article/5156685>

Download Persian Version:

<https://daneshyari.com/article/5156685>

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