



SDI Review Form 1.6

Journal Name:	American Chemical Science Journal
Manuscript Number:	2013_ACSj_5637
Title of the Manuscript:	Mechanical Properties of Wood Waste Reinforced Polymer Matrix Composites
Type of the Article	Research Paper

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	This research work set out to investigate the mechanical properties of polymer matrix composites (PMC) produced from the use of wood waste. The wood particles which have high strength and modulus with good adhesion and uniform dispersion has impart better mechanical properties to the base polymer. Water absorption behaviour of composites as a function of filler volume fraction and time of immersion was also studied. Morphological studies has finally revealed that there is good dispersion of filler in the polymer matrix. In my opinio the paperi s quite good. I suggest the authors to apply some simple mathematical models to better analyse the mechanical properties (see Polymer Engineeering and Science, 51(4);	



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	2011, 1280-1285; Polymer Engineering and Science Volume 53, Issue 3, 2013, Pages: 531–539; ” International Journal of adhesives and adhesion, vol. 28, (2008) 91-100	
<u>Optional/General</u> comments		

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