



**SDI Review Form 1.6**

Journal Name:	<a href="#">Chemical Science International Journal</a>
Manuscript Number:	Ms_CSIJ_49733
Title of the Manuscript:	Hybrid Precipitated Calcium Carbonate Containing Wood Flour for Paper Applications–A Comparative Handsheet Study
Type of the Article	

**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>)

**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)
<b>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	The main requirements of printing papers is high and stable brightness, less yellowing during exposure to UV (ageing) and smoot surface to provide good printing. Normally the papermaking fibers are bleached to certain brightness level and to improve brightness stability, smoothness and printing properties fillers are added. Authors must explain the benefit of wood flour addition. The initial brightness was dropped and will drop additionally with ageing due to the lignin content. It will be useful to know effect on the printing properties. The suggestion for utilisation area of this paper is needed.	This has been explained in the conclusion section. Further research has been suggested in section 3.4 targeting the lower brightness of wood flower use. Printing can be evaluated if wood flower containing paper is produced with a pilot paper machine. Handsheets are not suitable for printing evaluations. => Explanation was added.
<b>Optional/General</b> comments	Line 88 – Why the author prefers to beat blend furnish? It was possible to beat fibers separately and mix them after beating.	All furnishes, together or separate, need to be beaten to a certain CSF level. We have chosen to beat them together to achieve the desired CSF level. This is a common procedure in papermaking. => was explanation was added to Material section.

**PART 2:**

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	
Are there competing interest issues in this manuscript?		
If plagiarism is suspected, please provide related proofs or web links.		