

Review Form 3

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_120267
Title of the Manuscript:	Research progress on mechanical properties of modified epoxy resin reinforced by fillers
Type of the Article	Minireview 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:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

Review Form 3

PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>The Scholar has carried out interesting research in the area of improving the mechanical and thermal properties considering modified epoxy resin. It's challenging task to improve mechanical and thermal properties with modifying the epoxy and adding the filler materials. Scholar discussed different filler materials used in polymer composites like CNTs fillers, Ceramic particles, Al₂O₃ and SiC powder particles etc. Scholar did not discuss about the modified epoxy resin.</p> <p>Its Review article or progress? Scholar must refer minimum 90 Scopus indexed journal papers for writing a review article</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Need to change Mechanical Properties of Modified Epoxy resin Reinforced by Fillers: A Review</p> <p>(My point of view it's not research progress. You didn't mention what work you carried out till now, scholar referred journal papers for review purpose)</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract directly gives the information about the modified epoxy resin. It will be better if the author can discuss about the challenges addressed in the research work at the beginning part of the abstract. Elaborate modified epoxy resin</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>No</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<ul style="list-style-type: none"> ▪ Review of literature seems to be limited by giving more focus on the filler materials. It will be better if a comparison analysis with the different filler materials. ▪ Technically not sound ▪ The novelty of the current work is not clear, and there are a lot of papers dealing with modified epoxy resin with different filler materials, so what's your originality? 	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p>	<p>Scholar must refer minimum 60 Scopus indexed journal papers for writing a review article</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is language/English quality of the article suitable for scholarly communications?</p>	<p>The format and language should be carefully refined.</p>	
<p><u>Optional/General</u> comments</p>	<p>--</p>	

Review Form 3

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Vinay K M
Department, University & Country	University BDT College of Engineering, India