

Review Form2

Book Name:	Current Approaches in Engineering Research and Technology
Manuscript Number:	Ms_BPR_1885
Title of the Manuscript:	Cross-linking process, mechanical properties and EMI absorption shielding efficiency of composites based on NBR
Type of the Article	Book chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	This manuscript is valuable to the scientific community due to its comprehensive exploration of the interaction between magnetic fillers and carbon-based fillers in NBR composites. The findings provide insights into optimizing EMI shielding materials, crucial for developing advanced materials in electronics and telecommunications. The study's methodology and detailed analysis offer a solid foundation for future research in this area.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is suitable and accurately reflects the content of the manuscript. It clearly indicates the focus on the cross-linking process, mechanical properties, and EMI shielding efficiency of NBR-based composites.	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is comprehensive, summarizing the key aspects of the study. However, it can be improved by clearly stating the main findings and their implications. Suggested revision: Emphasize the correlation between permittivity, conductivity, and absorption shielding performance and the specific impact of nickel-zinc ferrite content.	
Are subsections and structure of the manuscript appropriate?	The subsections and structure of the manuscript are appropriate. They logically follow the research progression, from materials and methods to results and discussion.	
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.	The manuscript is scientifically robust and technically sound. The experimental design is well-conceived, and the methods used are appropriate for the objectives. The data is systematically analyzed, and the conclusions are supported by the results. The detailed exploration of the influence of different fillers on EMI shielding and mechanical properties is particularly commendable.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. :	The references are sufficient and recent. They provide a good background for the study and support the discussion of results. No additional references are suggested at this time.	

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Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?	The language quality is generally suitable for scholarly communications, though minor grammatical corrections and improvements in phrasing can enhance readability. Suggested Improvements: - Revise the abstract to clearly state the main findings and implications. - Minor grammatical corrections throughout the manuscript.	
Optional/General comments	Consider providing a more detailed explanation of the practical implications of the findings in the discussion 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)	

Reviewer Details:

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