

Review Form 3

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_130407
Title of the Manuscript:	Composite Film of Poly Lactic Acid and Polyvinyl Alcohol with Carbon Nanotube Reinforcement: Insight Mechanical Property Analysis
Type of the Article	

PART 1: 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>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript is significant for the scientific community as it offers an innovative approach to developing biodegradable and sustainable packaging materials. By utilizing PLA-PVA film stacking technology reinforced with MWCNT, this research has the potential to replace traditional plastics with environmentally friendly alternatives. The mechanical and thermal analyses contribute significantly to understanding material property enhancements through nano-based reinforcement.	
Is the title of the article suitable? (If not please suggest an alternative title)	The article title is appropriate, but it could be made more specific, for example: "Reinforcement of Biodegradable PLA-PVA Composite Films with Carbon Nanotubes: Mechanical and Thermal Property Analysis."	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is fairly comprehensive, but some details, such as experimental specifications (e.g., temperature, pressure), in the results section may be overly detailed for an abstract. Focusing on the main findings, such as the improvements in tensile strength and thermal stability, would provide a more concise summary.	
Is the manuscript scientifically, correct? Please write here.	The manuscript appears scientifically sound based on the experimental data presented. However, the discussion on the mechanisms underlying the enhancement of thermal and mechanical properties due to MWCNT could be expanded to strengthen the scientific argument.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and include recent literature. Adding more citations related to the use of MWCNT in biodegradable films would further enhance the manuscript.	
Is the language/English quality of the article suitable for scholarly communications?	The language of the article is suitable for scholarly communication. However, some sections could be simplified to improve readability, particularly in the methods and discussion sections.	
Optional/General comments		

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>	

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