

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_123581
Title of the Manuscript:	Barriers to Laminated Film Recycling: Challenges and Opportunities in Engineering Solutions
Type of the Article	Review article

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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 a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The study identifies the problems encountered in the recycling of laminated films, examining the various separation techniques and their inadequacy or otherwise, for laminated films recycling. The manuscript examined the technical and economic constraints of recycling laminated films and proposed alternate technology to overcome the constraints.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes</p>	
<p>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.</p>	<p>Yes</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript examined the different methods that could be employed for sorting and separating the components of the laminated films, such as density, melting, near infra-red spectroscopy, etc. It also shows understanding of the behaviour of the different components of the laminated film: polystyrene, aluminium, polyethylene, paper and adhesives. The engineering solutions to recycling such as solvolysis and pyrolysis, in addition to proposed redesigning of the packaging films provides enough technical content for the manuscript.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references cited are recent and sufficient for the article.</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, the language is adequate</p>	
<p><u>Optional/General</u> comments</p>	<p>A paragraph detailing a description, use, and volume of waste laminated films should be added to the Introduction, adequately referenced. This would show that there are enough materials for recycling.</p>	

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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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