

Review Form 1.7

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_112967
Title of the Manuscript:	Exploring Formulation Variables: A Comprehensive Analysis of the Impact on 32 kg/m3 Flexible Polyurethane Foam
Type of the Article	

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>Worthwhile results are reported in the manuscript under review. Table 2 is quite instructive. Some modifications are recommended, listed below not necessarily in the order of importance.</p> <p>There is no reason for using capital letters in the middle of a sentence such as in "Dimethylaminoethoxyethanol (> 40% w/w) (B-11) as a blowing catalyst from Momentive , Polyethyleneoxidemethylsiloxane".</p> <p>A study was performed by the authors but – for some strange reason – they do not admit doing work. It would be good to replace "This study investigates" by "We have investigated".</p> <p>Bombastic statements such as "A detailed observatory analysis is performed" deserve to be replaced, in this case for instance by "We have analyzed".</p> <p>What are "problematic foams" ?</p> <p>The section title "Conclusion" is wrong. A conclusion can be stated in one sentence while many conclusions are formulated.</p> <p>The importance of foams is discussed in a textbook of Materials Science and Engineering: W. Brostow & H.E. Hagg Lobland, Materials: Introduction and Applications, John Wiley & Sons 2017 – a reference that could be included in the paper under review.</p> <p>Why in Ref. 14 "Victor1 " ?</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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