|  |  |  |  |
| --- | --- | --- | --- |
|  |  | |  |
| No. | Reviewer | Respond | |
| 1 | Page 1, The statement, "150 million tons of rice husk, an agricultural waste, are produced during the milling of rice. It leads to environmental problems if rice husk is not disposed of properly. This problem is similar with plastic waste dumped globally achieve 19-25 million ton every year. " should be rephrased for precision. | Page 1, paragraph 1, line 2-4: The statement has been rephrased.   150 million tons of rice husk as one of an agricultural waste, and 19-25 million ton plastic waste were dumped globally. This waste leads to environmental problems is not disposed of properly. | |
| 2 | The velocity is 55-65%. Is the unit correct? | Page 1, paragraph 1, line 11-14: The unit has been revised. The unit mentioned is the speed capability of the screw during injection molding process.  The preparation was involving 10 samples of RHF/RPET polymer composite at different ratio RHF of 2-20 (wt/wt%) blended with RPET using injection molding machine at temperature of 180°C, screw pressure at 45 psi and the screw is operating 55-65% of its maximum speed capability. | |
| 3 | 163.42 Kn, 36.72 kJ/m and 3.04 respectively. It is supported by physical properties of density at 1.64g/𝑐𝑚3. Are these units correct? | Page 1, paragraph 1, line 14-17: The unit has been revised.  The results show 16 wt/wt% of RHF/RPET polymer composite gives higher tensile strength and, impact strength and energy absorbed at 21.01MPa, 36.72 kJ/m² and 3.04 % respectively. It is supported by physical properties SEM analysis at 16 wt/wt% gives good bonding structure between RHF and RPET elements. | |
| 4 | The manuscript requires minor English language checking and improvement. | The language has been improved. | |
| 5 | “Nowadays, the usage of polymer composites has developed and is widely used in contemporary items as it is due to their low cost, light weight, high strength, and ease of production [1].” What are contemporary items? | Page 1, paragraph 2, line 1-3: Few examples of contemporary items has been added.  Nowadays, the usage of polymer composites has developed and is widely used in daily products and applications such as automotive components, construction materials, packaging materials as it is due to their low cost, light weight, high strength, and ease of production | |
| 6 | In the methodology section, is there any repetition done for different composition ratio of RHF/RPET polymer composites? | In methodology section, there has no repetition done for different composition ratio of RHF/RPET polymer composite. | |
| 7 | In the methodology, the measurement methods should be supplemented with the magnitude of the measurement error. This will subsequently allow a better assessment of how the process is realistically affected what proportion can be given by the error. | The measurement of the sample has been improvised and added in Table. 2 | |
| 8 | Typo in Tensile Stength (MPa) in “Fig. 2. Tensile strength of RHF/RPET in different composition ratio”. | The typo has been amended to the right one. | |
| 9 | Also, the error bars shown in Fig. 2 indicate the same error distribution throughout. They should be different, as the error bars are supposed to show how much the data from repetitions deviate from the mean. | The error bar for **Fig.2** and **Fig.3** has been revised with the new deviation of error bar. | |
| 10 | Please provide a clear label in Fig. 5. | Fig. 5 has been updated to Fig.4 and the image has been updated to clearer version. | |
|  |  |  | |
| No. | Reviewer | Respond | |
| 1 | A few items which were available in the original version are now missing in the revised version. For example, Contribution Title List the author names Type the author addresses Type the author addresses Type the corresponding author’s e-mail address Abstract. Start your abstract here… The first section in your paper | The missing items has been added in Page 1. The items were missing due to formatting | |
| 2 | Next, in your comment: "6 In methodology section, there has no repetition done for different composition ratio of RHF/RPET polymer composite". In experimental research, it is essential to carry out repetitions (or replicates) of each experiment to ensure the reliability and validity of the results. If no repetition is done, it becomes impossible to produce the error bars, which are critical in understanding the variability and reliability of the experimental data. In the future, if replicates are made, the error bars shown should be different, as the error bars are supposed to show how much the data from repetitions deviate from the mean. Authors can custom the error amount in excel with their respective error amount. Could you please ensure that these missing items are addressed in the revised version? | All testing has been done repetitions for 3 times to achieve the reliability results. | |