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| Book Name: | [Science and Technology: Developments and Applications](https://www.bookpi.org/bookstore/product/science-and-technology-developments-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4252** |
| Title of the Manuscript: | **Thermally enhanced pristine polyolefins: fundamentals, progress and prospective** |
| Type of the Article | **BOOK CHAPTER** |

**General guidelines for the Peer Review process:**

This Book’s peer review policy states that **NO** manuscript should be rejected only on the basis of ‘**lack of Novelty’**, provided the manuscript is scientifically robust and technically sound.

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**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Journal of Materials Research and Technology, Volume 9, Issue 5, September–October 2020, Pages 10796-10806.**

[**https://doi.org/10.1016/j.jmrt.2020.07.101**](https://doi.org/10.1016/j.jmrt.2020.07.101)

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| PART 1: 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 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.** | Common uses for polyolefins include shrink wrap, packaging (including food and electronic packaging), producing consumer goods and industrial products (including toys), manufacturing materials (including structural panels and piping systems), fibres for use in clothing (including waterproof items such as wetsuits) |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| 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. | **Nil** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **References should be right aligned properly.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Languege is good. At some places there should be space between two sentences after full stop. |  |
| Optional/General comments | Acceptable |  |

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| **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)* |  |

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| **Reviewer Details:** | |
| Name: | **Anonymous reviewer (Only for this stage as per Review policy)** |
| Department, University & Country |  |