

Review of: "Investigation of the Dielectric Behaviour of Propylene Glycol (100) Dispersed With Graphene Nano Powder to Determine the Optimal Conditions Using Response Surface Methodology"

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Potential competing interests: No potential competing interests to declare.

Manuscript No.: J4WNOI

Manuscript title: Investigation of the Dielectric Behaviour of Propylene Glycol (100) Dispersed With Graphene Nano Powder to Determine the Optimal Conditions Using Response Surface Methodology

The study is within the scope of Qeios Journal

Decision: Major corrections

Review comments

1. Highlight the novelty of your article in abstract. Why should anyone read it? What new it introduces?
2. Literature survey is not well-embedded into the manuscript. The authors should revise several new studies such as (([Optimizing MWCNT-Based Nanofluids for Photovoltaic/Thermal Cooling through Preparation Parameters](#))).
3. Show the newest R & D in this field such as ([Effect of CuO-water-ethylene glycol nanofluids on the performance of photovoltaic/thermal energy system: an experimental study](#))).
4. The novelty of the work must be clearly addressed and discussed, compare your research with existing research findings and highlight novelty
5. The main objective of the work must be written on the clearer and more concise way at the end of introduction section
6. Please add a table for the used material specifications.
7. Please change Figure 1 location.
8. There is no lines between experimental setup and results and discussions. Please put each one in separate numbers.
9. Compare your results with others from literature.
10. Conclusion section is missing some perspective related to the future research work, quantify main research findings
11. English language should be carefully checked and carefully check paper for language typos
12. Renew your reference list we are today in 2023.
13. Add citations to the host journal.

