

Review of: "Analysis method of binary concentration-inhomogeneous systems"

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Potential competing interests: No potential competing interests to declare.

The author should provide a detailed experimental procedure for measuring heat capacity in the MMA-PMMA system. This should encompass sample preparation, instrumentation details, and data collection methodologies. Additionally, empirical results derived from applying the proposed method to the MMA-PMMA system should be included. Data, graphs, or tables can be used to effectively portray differences in heat capacity between various conditions. It is crucial to discuss potential sources of measurement uncertainty and their potential impacts on result accuracy. This discussion should be comprehensive, addressing all relevant aspects. The limitations of the method need to be thoroughly evaluated and discussed. Consider scenarios where the method might not be applicable or could yield inaccurate results.

Furthermore, the paper should explore the possible practical applications and broader implications of the proposed method beyond its specific application to the MMA-PMMA system. This would enhance the paper's relevance to a wider audience.

To enhance the paper's currency, the author should update the list of references to include recent sources in the fields of polymer chemistry and analytical techniques. Consider seeking peer review or collaborating with experts in the field to validate and refine the proposed method and its application.

The conclusion should be revised and expanded to effectively summarize the key findings of the study. Emphasize the significance of the proposed method in advancing polymer chemistry research and its potential contributions to industrial applications.

Maintain clarity and organization throughout the paper. Use appropriate subsections to improve readability and remove any ambiguities.