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**Abstract**

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An article processing charge (APC) of R$ 500,00 will be charged to the authors. Half of this value (R$ 250,00) will be deposited for paper submission (NO REFUND in case of paper not accepted), and the other half (R$ 250,00) after acceptance for publishing, if this is the case.

In the Introduction section, include a relevant description of the state of knowledge on the subject of the paper, based on recently published papers (less than 10 years) in scientific journals. Do not make this section too long (a maximum of ~1 page is enough; do not include images and tables taken from other papers).

Do not forget to describe in the text the novelty of this study, showing the expected technical-scientific contribution of the paper (note that, in general, regionality alone is not enough for a sound technical-scientific novelty).

At the end of the Introduction section, include the objectives of the paper. The objectives of the paper must be clearly defined (based on previously published information), showing which hypothesis is verified.

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Research articles with original text and results should contain: title, author’s names, affiliation, address, email, abstract (maximum 150 words), keywords (two to five), and text in the following order: Introduction (objectives should be inserted at the end of this section); Experimental (or Materials and Methods); Results and Discussion (or Results, Discussion); Conclusions (should be succinct; avoid citing references in this section); Nomenclature or equivalent (if necessary); Acknowledgments (if necessary); Appendices (if necessary); and References.

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In the Experimental section, describe the materials (reagents, raw materials) used (indicate the maker, grade/type, purity, others relevant characteristics, etc.). Describe succinctly the methods of sample’s preparation and characterization, including data on main equipments used (maker, model, etc.). Include also the main test conditions used.

In this section, it is important to provide data/information that makes the experiments (or modeling) reproducible by third parties.

**RESULTS AND DISCUSSION**

*Tables* should be numbered sequentially with Roman numerals, with captions in the upper part; the tables must be editable (prepared with MSWord) and inserted in the text (tables should not have special formatting, such as colors and shading) and should preferably have three horizontal lines, as in the example (Table I). Whenever possible, include standard deviation along with the respective mean value. Always use numbers of decimals that have significance. If necessary, tables with a width of two columns (16 cm) can be used.

Table I - Characterization results for the sintered samples.

|  |  |  |  |
| --- | --- | --- | --- |
| Sample | Relative density (%) | Flexural strength (MPa) | Thermal conductivity (W.m-1.K-1) |
| A | 80.0±0.7 | 153±12 | 21.0±0.3 |
| B | 95.5±0.8 | 357±17 | 77.7±0.6 |
| C | 99.8±0.9 | 366±22 | 99.2±0.9 |

*Figures* should be numbered sequentially with Arabic numerals, with lower captions, and inserted in the text (Fig. 1). Illustrations (graphs, drawings, photos, micrographs) must have good contrast, uniform lettering and size, sufficient to allow reading (figures will be published with a width of up to 8 cm (one column), or up to 16 cm (two columns) for multiple illustrations. Any scale markers must be inserted on the micrographs. In graphs, whenever possible, include standard deviation/error bars on the results (mean values).



Figure 1: Parameters that affect the nanofluid viscosity.

*Equations* must be indicated, and referred to in the text, by capital letters in parentheses, as follows:

 (A)

*References* must be numbered sequentially, in the order of citation in the text (with Arabic numerals, between square brackets), and listed at the end of the paper. Avoid citing names of authors in the text - just indicate the number (e.g. [3]). References must not be linked (cross-referenced) to the text. *Avoid referencing websites, master dissertations and doctoral theses. Instead, refer to the journals in which the contents of dissertation and thesis were published.* Do not use “et al.” in the descriptions of references (include names of all authors). Examples of description of references are shown in References section.

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In the Results and Discussion section, do not duplicate the presentation of results, such as in tables and figures (usually figures are preferred). In addition to presenting the results, include a consistent discussion of the results based on or comparing with recently published data (less than 10 years) in scientific journals. It is necessary to explain the results based on the concepts of Science and Engineering of Ceramics, based on the correlation between processing/synthesis, microstructure, properties and performance.

**CONCLUSIONS**

The conclusions cannot be a simple description of the results obtained. The conclusions must succinctly “answer” the objective of the paper.

Do not assign references in this section. Also, in this section, do not indicate sample code (e.g. sample AMX-35); if necessary, describe succinctly the main characteristics of the sample.

Deadline for submission of papers: June 26, 2023.

**ACKNOWLEDGMENTS**

If necessary, include acknowledgments here for, for example, donation of raw materials, research grants, funding, etc.

**APPENDICE**

If necessary, include complementary or supplementary data here.

**REFERENCES**

[1] R. Muccillo, E.N.S. Muccillo, J. Eur. Ceram. Soc. **34**, 4 (2014) 915.

[2] J.S. Reed, *Principles of ceramics processing*, John Wiley, New York (1995) 125.

[3] M.A.F.N. Freitas, T.F. Silva, J.M. Assaf, R.H.G.A. Kiminami, in Proc. 2nd Global Congress on Microwave Energy Applications, R.L. Schulz, D.C. Folz (Eds.), Microwave Working Group, Long Beach (2013) 451.