

**JOURNAL OF INSTITUTE
OF POLYMER ENGINEERS
AUTHORS GUIDE**

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M. N. Author^{1*}, C. N. Coauthor¹ and K. W. Coauthor²

¹Department of Chemical Engineering, Ahmadu Bello University, Zaria.

²Federal University of Technology, Owerri.

*Corresponding Author; E-mail jipenig@gmail.com Mobile: 07037777700

ABSTRACT

The abstract should be a clear statement defining the problems of study, methodology adopted, results and conclusions. Please do not refer readers to other literature articles in the abstract. This is because abstracts are expected to be stand-alone, capable of providing fast and complete, yet short information about the article. The abstract should be brief and not longer than 200 words.

1.0 INTRODUCTION

The Journal of Institute of Polymer Engineers (JIPE), is a journal publication of the Institute of Polymer Engineers, a division of the Nigerian Society of Engineers. All papers submitted to the journal should be an original thought-provoking appraisal of existing knowledge, collation of relevant data of interest or investigation and exploration of new fields in polymer engineering and technology, as well as other related fields. The paper should cover technological development in polymer process, waste management as its relate to polymeric waste, design and fabrication of technological system as it relates to polymer.

2.0 MANUSCRIPT FORMAT

2.1 Paper Text

Technical papers shall not exceed 5000 words or approximately 20 typewritten pages in double spacing on A4 size paper. Research notes and communication not exceeding 4000 words. Original papers that are unavoidable longer than these may also be considered. Classified and commercial advertisement are welcome. Only documents prepared in English Language using MS Word on a 12 point font-face of Times New Roman will be considered. The articles should have only one column per page. Each article should have an approximate title of less than 25 words and should have an abstract of about 200 words. The article should be logically divided into numbered sections and subsections (just like this Author's guide). Equations should be written using MS Word equation editor and numbered consecutively using Arabic numerals in parenthesis in the right hand margin. All units shall be in SI.

2.2 Figures

All line diagrams must be computer processed in black and white using the appropriate software and must be embedded in the paper. Diagrams and photographs should be as small as possible preferable with a width less than 8cm but not larger than 16cm. all line diagrams and photographs shall be numbered consecutively and referred to as Figures. Each should have appropriate numbers and précised captions. In situations where multiple curves exist per graph, each curve should be uniquely distinguished with markers or different line style, not colors. Please be sure that the quality of all diagrams is high as we cannot improve what is sent to us. Figure 1, is an example of

a good diagrams which shows the effect of temperature on the pore size and pore volume of calcined ammonium alum.

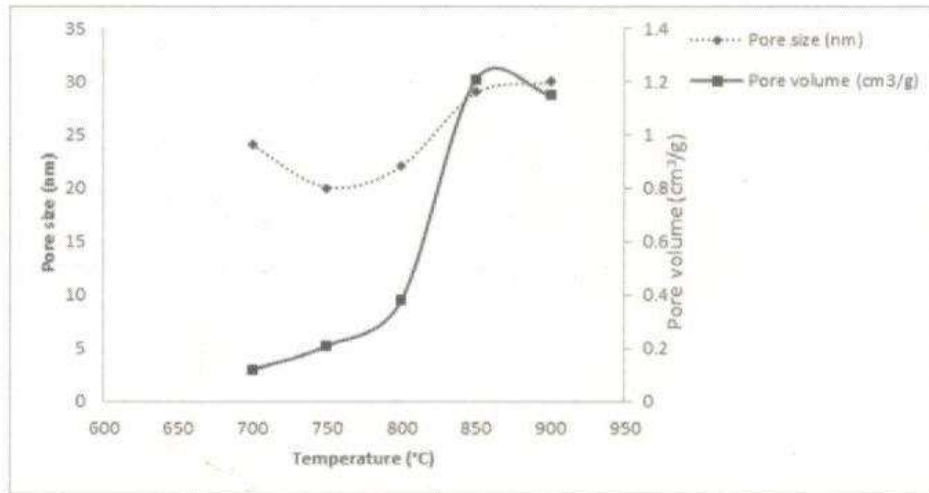


Figure 1: Pore size and pore volume with variation in Temperature for 3 hours

2.3 Table

Tables should be used when data is reported and must be referred to in the text. For example, Table 1, shows the elemental composition in oxide form of metakaolin and dealumination product. Table title should be above the table and when nit is obtained outside the research being reported, the source of the table must be stated below the table. Authors MUST AVOID presenting tables and graphs for the same data, only one should be used.

Table 1: Chemical composition of metakaolin and dealumination product

Oxides	SiO ₂	Al ₂ O ₃	Na ₂ O/K ₂ O	Fe ₂ O ₃	CaO	MgO
Metakaolin	59.52	36.55	1.06	0.94	0.53	0.18
Silica (Lab. Scale)	93.54	1.88	2.64	0.12	0.24	0.28
Silica (Run 1)	86.15	2.60	5.15	0.71	0.50	0.48
Silica (Run 2)	96.5	ND*	1.20	0.23	0.18	ND*

ND*: Not Detected

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6.0 ACCEPTANCE/REJECTION

The corresponding author will be notified of acceptance/rejection of paper and informed of the page charges. Page charges are usually calculated based on the length of the final paper and rebated against the review fees. A PDF of the proof of the paper will be sent to the corresponding author for proofreading the editorial typesetting and formatting. All corrections should be returned at one time only by e-mail within one week, otherwise the paper publication will be delayed. Average time between submission and publication is 4 months.

7.0 REFERENCES

In the text, reference should be cited by consecutive numbers in square brackets, e.g. [1], not by names of authors and year of publication. In the references listed below [1] is for journal articles, [2] for books, [3] for conference proceedings while [4] is for articles obtained from on-line sources. References should be listed and numbered in the order in which they appear in the text e.g.

- [1] Sideridou, I.D., Vouvoudi, E.C. and Bourdouni, K.A. (2012). Study of Physicochemical Properties of Two Current Commercial Dental Self-Curing Resin Composites. *Journal of Institute of Polymer Engineers*, 26(2): 367-374. (for journal articles)
- [2] Neville, A.M. (1970). *Properties of Concrete*, Pitman, Paperback, London. (for books)
- [3] Iken, G.B. and Abdullahi, L.M. (2015). Performance of Polymeric Materials. *International Conference on Journal Impact*, Abuja Nigeria, October 4-7, 20-24.
- [4] Bala, U.V., Abubakar, R.M., Obi, S. and Timothy, H.J. (2012). Advancement in Polymer Processing Technologies. www.pire.rews/gre/tech, Accessed on December 25.