Research Article

**Sakarya Üniversitesi Fen Bilimleri Dergisi**

**Sakarya University Journal of Science**

e-ISSN : 2147-835X

Publisher : Sakarya University

Vol. x, No. x, xx-xx, 202x

DOI: https://doi.org/10.16984/saufenbilder.xxxxxx

**Cite as:** N. Surname, N. Surname, “Manuscript title, write in times new roman 12 point size, only the first letter of the first word should be capitalised,” Sakarya University Journal of Science, vol. xx, no. xx, pp. xx-xx, 202x. https://doi.org/10.16984/saufenbilder.xxxxxx



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| Keywords:Keyword OneKeyword TwoC:\Users\sau\AppData\Local\Microsoft\Windows\INetCache\Content.Word\4dcdc272-f7d9-4de4-ae59-11e03409866f.jpgKeyword ThreeKeyword FourKeyword FiveArticle History: Received: xx.xx.202x Revised: xx.xx.202xAccepted: xx.xx.202x Online Available: xx.xx.202x | The abstract should express the subject briefly and concisely. The abstract must be written in English. The abstract must have a maximum word count of 300 and be written in 10 point font, Cambria font. At least 3 and at most 5 keywords should be written. The abstract should express the subject briefly and concisely. The first letters of keywords should be written in capital letters. The abstract must be written in English. The abstract must have a maximum word count of 300 and be written in 10 point font, Cambria font. At least 3 and at most 5 keywords should be written. The abstract should express the subject briefly and concisely. The first letters of keywords should be written in capital letters. The abstract must be written in English. The abstract must have a maximum word count of 300 and be written in 10 point font, Cambria font. At least 3 and at most 5 keywords should be written. The abstract should express the subject briefly and concisely. The first letters of keywords should be written in capital letters. The abstract must be written in English. The abstract must have a maximum word count of 300 and be written in 10 point font, Cambria font. At least 3 and at most 5 keywords should be written. The abstract should express the subject briefly and concisely. The first letters of keywords should be written in capital letters. |

**1. Introduction**

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**2. General Methods**

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**Figure 2.** Manganese carbonate ore XRD analysis [1 - Rhodochrosite, MnCO3, 2 - hausmannite, Mn3O4, 3 - Manganese silicate

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**Figure 3.** SEM image of carbonate manganese ore

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1. Results and Discussion

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**Figure 4.** Denizli - Tavas thermal analysis of manganese ore in

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**Figure 5.** Denizli - Tavas manganese carbonate ore under an argon atmosphere at the heating rate different from the thermal analysis

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**Table 1.** Table 1 title

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| --- | --- | --- |
| Heating Rate (β)°C/dak | **Level 1** | **Level 2** |
| Peak Temperature, K | Peak Temperature, K |
| 5 | 797.0 | 974.2 |
| 10 | 821.7 | 993.3 |
| 15 | 829.4 | 1008.4 |
| 20 | 833.2 | 1023.6 |
| 5 | 797.0 | 974.2 |
| 10 | 821.7 | 993.3 |
| 15 | 829.4 | 1008.4 |
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| 20 | 833.2 | 1023.6 |
| 5 | 797.0 | 974.2 |
| 20 | 833.2 | 1023.6 |
| 5 | 797.0 | 974.2 |
| 20 | 833.2 | 1023.6 |
| 5 | 797.0 | 974.2 |

**Table 1.** Table 1 title (Continue)

|  |  |  |
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| Heating Rate (β)°C/dak | **Level 1** | **Level 2** |
| Peak Temperature, K | Peak Temperature, K |
| 10 | 821.7 | 993.3 |
| 15 | 829.4 | 1008.4 |
| 20 | 833.2 | 1023.6 |

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1. Conclusion

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**Table 2.** Table 2 title

|  |  |  |
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| Heating Rate (β)°C/dak | **Level 1** | **Level 2** |
| Peak Temperature, K | Peak Temperature, K |
| 5 | 797.0 | 974.2 |
| 10 | 821.7 | 993.3 |
| 15 | 829.4 | 1008.4 |
| 20 | 833.2 | 1023.6 |
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| 5 | 797.0 | 974.2 |
| 20 | 833.2 | 1023.6 |



**Figure 4.** Denizli - Tavas thermal analysis of manganese ore in

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***Acknowledgments***

Authors would like to thank Dr. Xxxx Xxxxx. for his/her contributions.

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