DAFTAR PUSTAKA

Andreola, F., Borghi, A., Pedrazzi, S., Allesina, G., Tartarini, P., Lancellotti, I., & Barbieri, L. (2019). Spent coffee grounds in the production of lightweight clay ceramic aggregates in view of urban and agricultural sustainable development. *Materials*, *12*(21). https://doi.org/10.3390/ma12213581

Askeland, D. R., & Fulay, P. P. (2009). *Essentials of Materials Science and Engineering*.

Barsoum, M. W. (2003). *Fundamental of Ceramics*.

Black, J. T., & Kohser, R. A. (2008). *DeGarmo's Materials & Processes in Manufacturing 10th Edition*.

Boch, P., & Niepce, J.-C. (2007). *Ceramic Materials*.

Callister JR, W. D., & Rethwisch, D. G. (2014). *MATERIALS SCIENCE and ENGINEERING*.

Callister JR, W. D., & Rethwisch, D. G. (2018). *Materials Science and Engineering An Introduction*.

Carter, C. B., & Norton, M. G. (2007). *Ceramic Materials_Science and Engineering*.

German, R. M. (2005). *Powder Metallurgy & Particulate Materials Processing*.

Groover, M. P. (2010). *Fundamental of Modern Manufacturing Material*.

Groover, M. P. (2012). *Fundamentals of Modern Manufacturing Materials Processes and Systems*.

Holman, J. P. (2010). *Heat Transfer-Tenth Edition*.

Kłosek-Wawrzyn, E., Frąc, M., & Pichór, W. (2023). Influence of pregranulation and low-pressure compaction on the properties of ceramic materials

incorporating clay and spent coffee grounds. *Applied Clay Science*, *245*. https://doi.org/10.1016/j.clay.2023.107154

Liu, Y., Zheng, Y., Lin, H., Fan, Q., & Tan, T. (2025). Effect of temperature on structure and mechanical properties of kaolinite via experiments and reactive molecular dynamics simulations. *Applied Clay Science*, *276*. https://doi.org/10.1016/j.clay.2025.107918

Maciel, F. S., Areias, I. O. R., & Holanda, J. N. F. de. (2023). Valorization potential of coffee grounds waste as a renewable pore-forming agent to produce low-cost porous ceramic support. *Research, Society and Development*, *12*(2), e22612240023. https://doi.org/10.33448/rsd-v12i2.40023

Manni, A., El Haddar, A., El Amrani El Hassani, I. E., El Bouari, A., & Sadik, C. (2019). Valorization of coffee waste with Moroccan clay to produce a porous red ceramics (class BIII). *Boletin de la Sociedad Espanola de Ceramica y Vidrio*, *58*(5), 211–220. https://doi.org/10.1016/j.bsecv.2019.03.001

Maury Njoya, I. Q., Lecomte-Nana, G. L., Barry, K., Njoya, D., El Hafiane, Y., & Peyratout, C. (2025). An Overview on the Manufacture and Properties of Clay-Based Porous Ceramics for Water Filtration. Dalam *Ceramics* (Vol. 8, Nomor 1). Multidisciplinary Digital Publishing Institute (MDPI). https://doi.org/10.3390/ceramics8010003

Pountouenchi, A., Ndzana, E. J. A., Mountapbeme, I. C., Njuhou, S., Njoya, A., Fagel, N., Pilate, P., Njoya, D., & Mbey, J. A. (2024). Porous refractory ceramics using agrowastes and some kaolinitic clays. *Open Ceramics*, *18*. https://doi.org/10.1016/j.oceram.2024.100568

Richerson, D. W., & Lee, W. E. (2018). *Modern Ceramic Engineering Properties, Processing, and Use in Design Fourth Edition*. http://taylorandfrancis.com

Roy, S. (2025). Thermal properties of porous ceramics. Dalam *Open Ceramics* (Vol. 24). Elsevier B.V. https://doi.org/10.1016/j.oceram.2025.100867

Sánchez-Soto, P. J., García-Garzón, V., Martínez-Martínez, S., Pérez-Villarejo, L., Sánchez-Garrido, J. A., & Garzón, E. (2025). Influence of features and firing temperature on the ceramic properties and phase evolution of raw kaolins. *Construction and Building Materials*, *466*. https://doi.org/10.1016/j.conbuildmat.2025.140215

Silveira, C., Mulinari, J., Junior, A. D. N., Ambrosi, A., Hotza, D., & Di Luccio, M. (2025). Low-cost ceramic membranes prepared from kaolin and quartz via tape casting using different pore formers. *Open Ceramics*, *22*. https://doi.org/10.1016/j.oceram.2025.100765