Manufacturing Porous Ceramic from Iraqi Kaolin by using paper pulp

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Abstract
In this work porous clay refractory was prepared from Iraqi kaolin clay; by addition of water or different type of paper pulp; the paper pulp different in (paper : water), the sample formed by mold method, then dried at room temperature for (72) hr at last fired at (1200)°C with soaking time for (2) hr. Properties (linear shrinkage, loss in mass, apparent porosity, water absorption ratio, apparent density, thermal conductivity, thermal shook resistance and diametrical strength) were studied.