

Study of Microstructure of Piezoelectrics
BaTiO₃ , PbTiO₃ and Pb(Ti_xZr_{1-x})O₃
Prepared by Solid Solution and Liquid Phase Methods

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Abstract : Samples of BaTiO₃, PbTiO₃, and Pb (Ti_xZr_{1-x})O₃ (x=0.47) was prepared using solid and liquid phase methods. Microstructure study of these samples show a higher degree of homogeneity, higher density and reactivity in samples made by solutions phase method as compared to the solid phase technique.