
No. 1C-b53 $\text{PbZrO}_3\text{--}(\text{Na}_{1/2}\text{Bi}_{1/2})\text{ZrO}_3$

1b Transition temperature: Fig. 1C-b53-001.

3a Lattice parameters: Fig. 1C-b53-002.

5a Dielectric constant: Fig. 1C-b53-003.

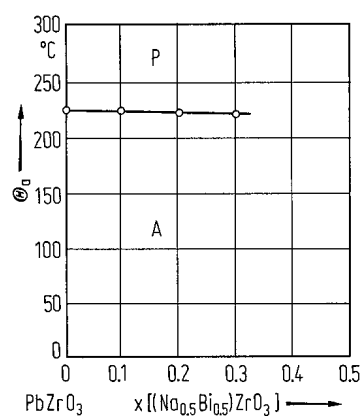


Fig. 1C-b53-001. $(1-x)\text{PbZrO}_3 \cdot x(\text{Na}_{1/2}\text{Bi}_{1/2})\text{ZrO}_3$. Θ_a vs. x [62Buh].

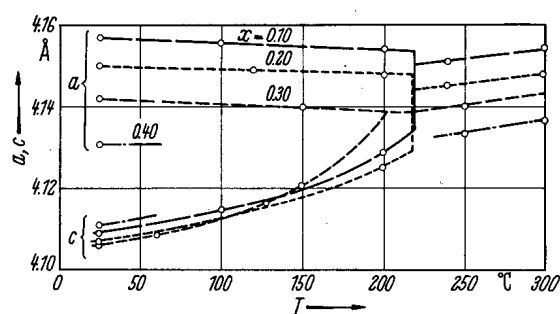


Fig. 1C-b53-002. $(1-x)\text{PbZrO}_3 \cdot x(\text{Na}_{1/2}\text{Bi}_{1/2})\text{ZrO}_3$. a , c vs. T [62Buh]. Parameter: x . a , c are lattice constants of pseudotetragonal cell.

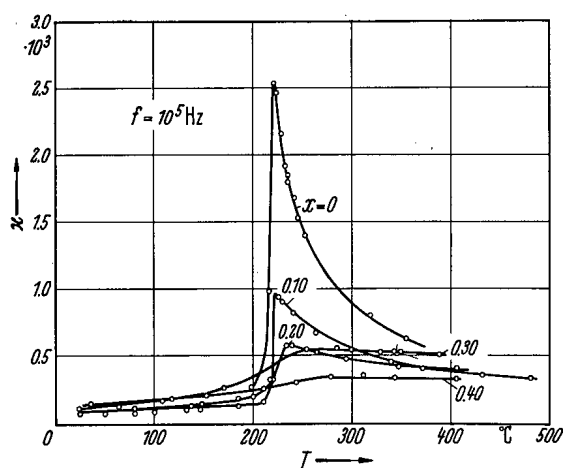


Fig. 1C-b53-003. $(1-x)\text{PbZrO}_3 \cdot x (\text{Na}_{1/2}\text{Bi}_{1/2})\text{ZrO}_3$ (ceramics). κ vs. T [62Buh]. Parameter: x . $f = 10^5 \text{ Hz}$.

Reference

62Buh Buhrer, C.F.: J. Chem. Phys. **36** (1962) 798.