
No. 1C-b49 $\text{PbTiO}_3\text{--La}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$

1b Ferroelectric transition temperature: Fig. 1C-b49-001.

3a Lattice parameters: Fig. 1C-b49-002.

5a Dielectric constant: Fig. 1C-b49-003.

7a Electromechanical property: Fig. 1C-b49-004.

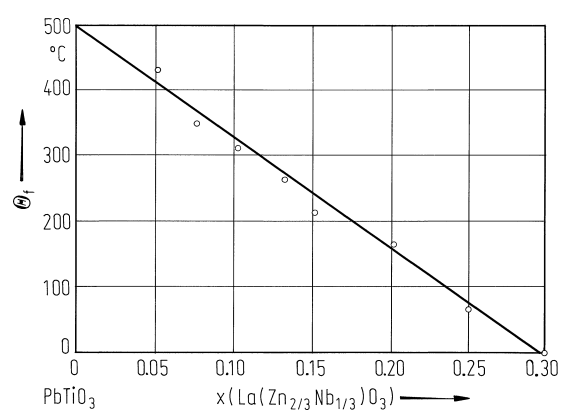


Fig. 1C-b49-001. $(1-x)\text{PbTiO}_3 \cdot x\text{La}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$. Θ_f vs. x [81Nom].

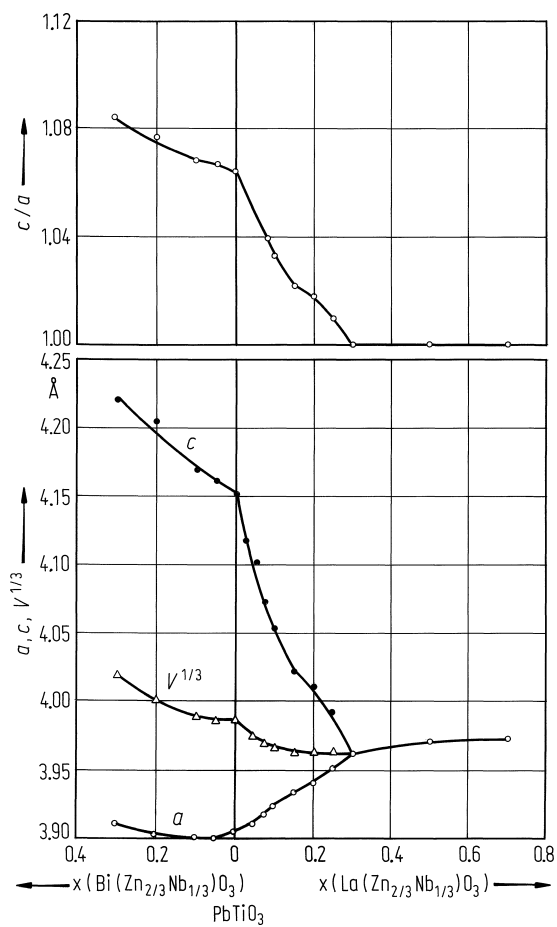


Fig. 1C-b49-002. $(1-x)\text{PbTiO}_3 \cdot x \text{M}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ ($\text{M} = \text{La}, \text{Bi}$). $a, c, c/a, V^{1/3}$ vs. x [82Nom].

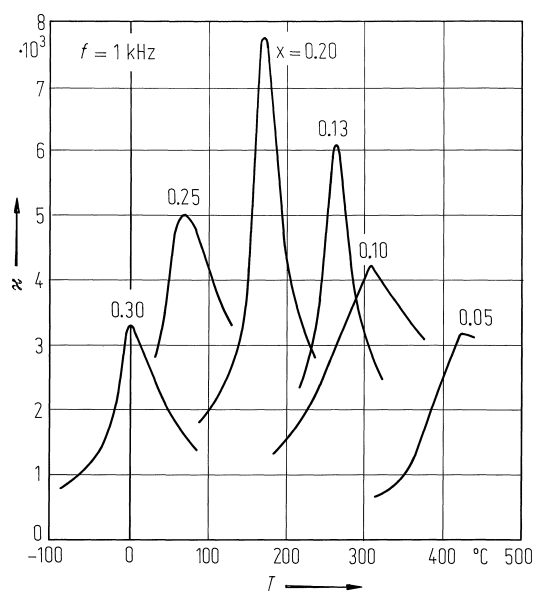


Fig. 1C-b49-003. $(1-x)\text{PbTiO}_3 \cdot x\text{La}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ (ceramics). κ vs. T [81Nom]. Parameter: x . $f = 1$ kHz.

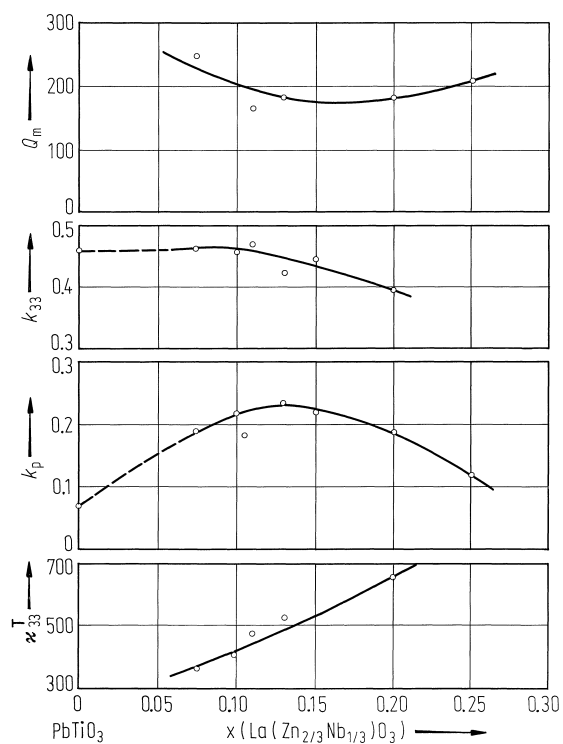


Fig. 1C-b49-004. $(1-x)\text{PbTiO}_3 \cdot x\text{La}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ (ceramics). k_{33} , k_p , Q_m , κ_{33}^T vs. x [81Nom]. Data for $x = 0$ are due to [71Ike].

References

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81Nom Nomura, S., Kaneta, K., Kuwata, J., Tsuchiya, Y., Uchino, K.: Jpn. J. Appl. Phys. **20** (1981) L241.
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