

No. 1C-b25 $\text{PbTiO}_3\text{--}(\text{Na}_{1/2}\text{Bi}_{1/2})\text{TiO}_3$

1b	Phase diagram: Fig. 1C-b25-001, Fig. 1C-b25-002 ; see also	90Zai
3a	Lattice parameters: see Fig. 1C-b25-001; see also	90Zai
5a	Dielectric constant: Figs. 1C-b25-003...1C-b25-005.	
7a	Piezoelectricity: Fig. 1C-b25-006; see also	90Zai

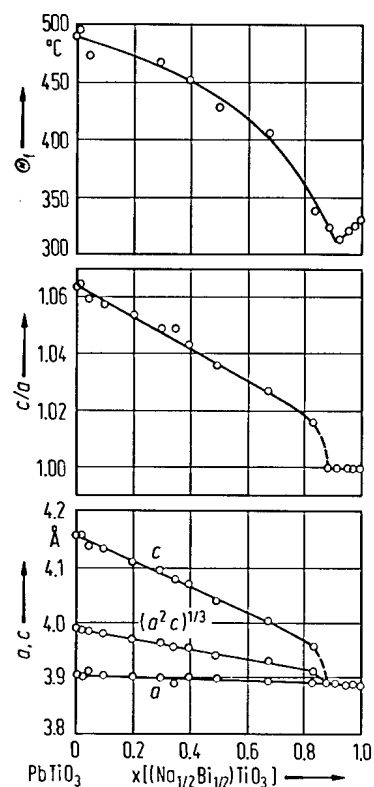


Fig. 1C-b25-001. $x(\text{Na}_{1/2}\text{Bi}_{1/2})\text{TiO}_3 \cdot (1-x)\text{PbTiO}_3$. Θ_f , a , c , c/a vs. x [63Sak].

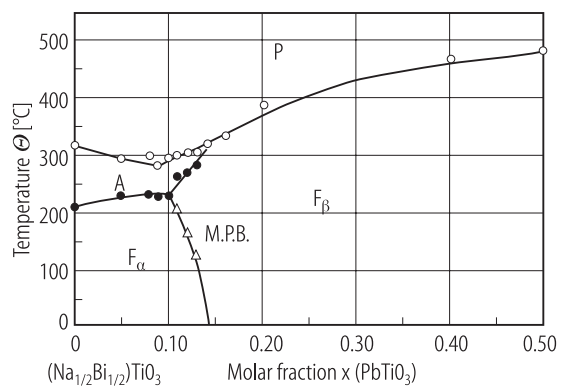


Fig. 1C-b25-002. $(1-x)(\text{Na}_{1/2}\text{Bi}_{1/2})\text{TiO}_3 \cdot x \text{PbTiO}_3$. Θ vs. x [92Sak].

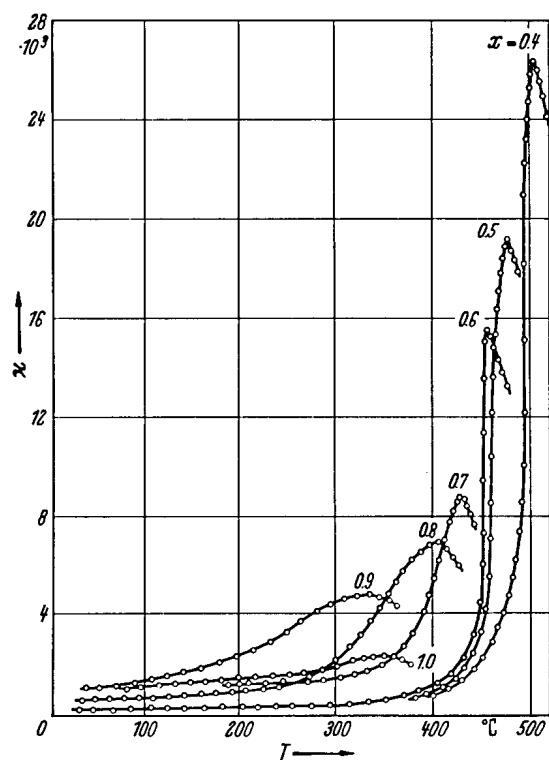


Fig. 1C-b25-003. $(1-x)\text{PbTiO}_3 \cdot x (\text{Na}_{1/2}\text{Bi}_{1/2})\text{TiO}_3$
(ceramics). κ vs. T [64Isu]. Parameter: x . $f = 1$ kHz.

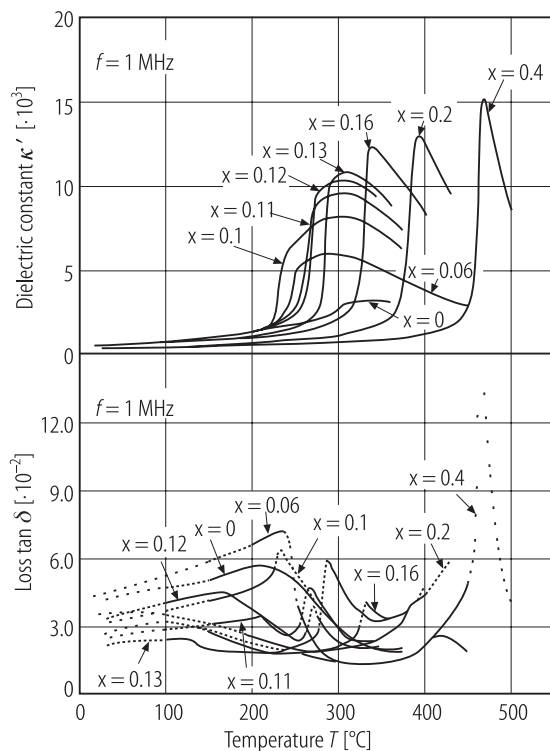


Fig. 1C-b25-004. $(1-x)(\text{Na}_{1/2}\text{Bi}_{1/2})\text{TiO}_3 \cdot x \text{ PbTiO}_3$. κ' , $\tan \delta$ vs. T [92Sak]. Parameter: x . $f = 1 \text{ MHz}$.

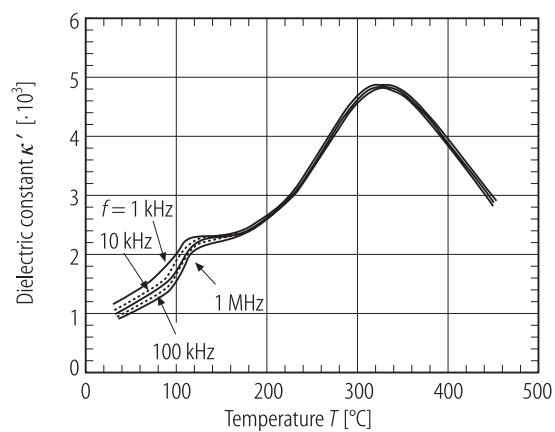


Fig. 1C-b25-005. 0.1 PbTiO₃·0.9 (Na_{1/2}Bi_{1/2})TiO₃ (ceramics). κ' vs. T [94Kuh]. Parameter: f .

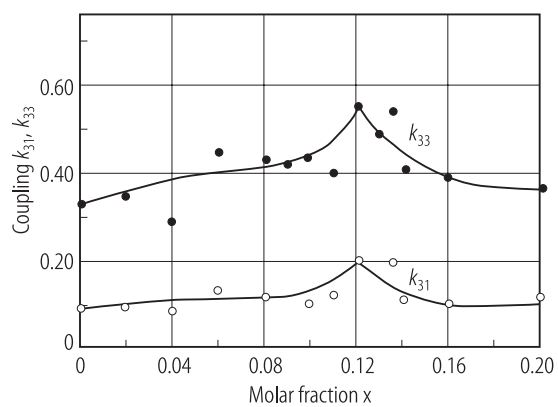


Fig. 1C-b25-006. $(1-x)(\text{Na}_{1/2}\text{Bi}_{1/2})\text{TiO}_3 \cdot x \text{ PbTiO}_3$ (ceramics). k_{31} , k_{33} vs. x [91Tak].

References

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