
No. 1C-c15 $\text{CaTiO}_3\text{--SrTiO}_3\text{--PbTiO}_3$

5a Dielectric constant: Fig. 1C-c15-001, Fig. 1C-c15-002, Fig. 1C-c15-003.

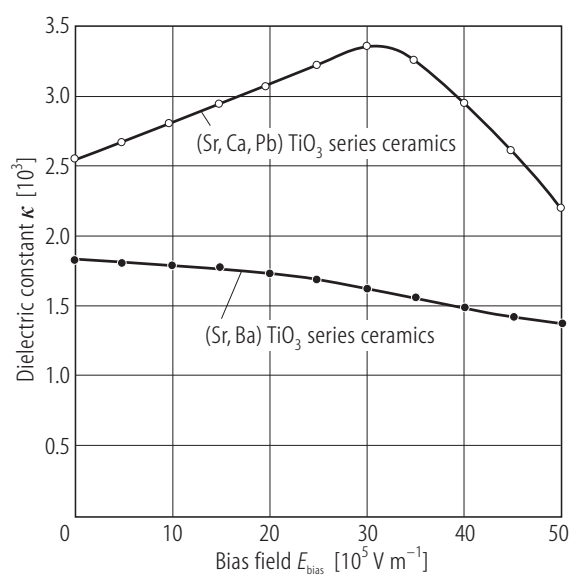


Fig. 1C-c15-001. (Sr,Ca,Pb) TiO_3 (ceramics). κ vs. E_{bias} [89Yam].

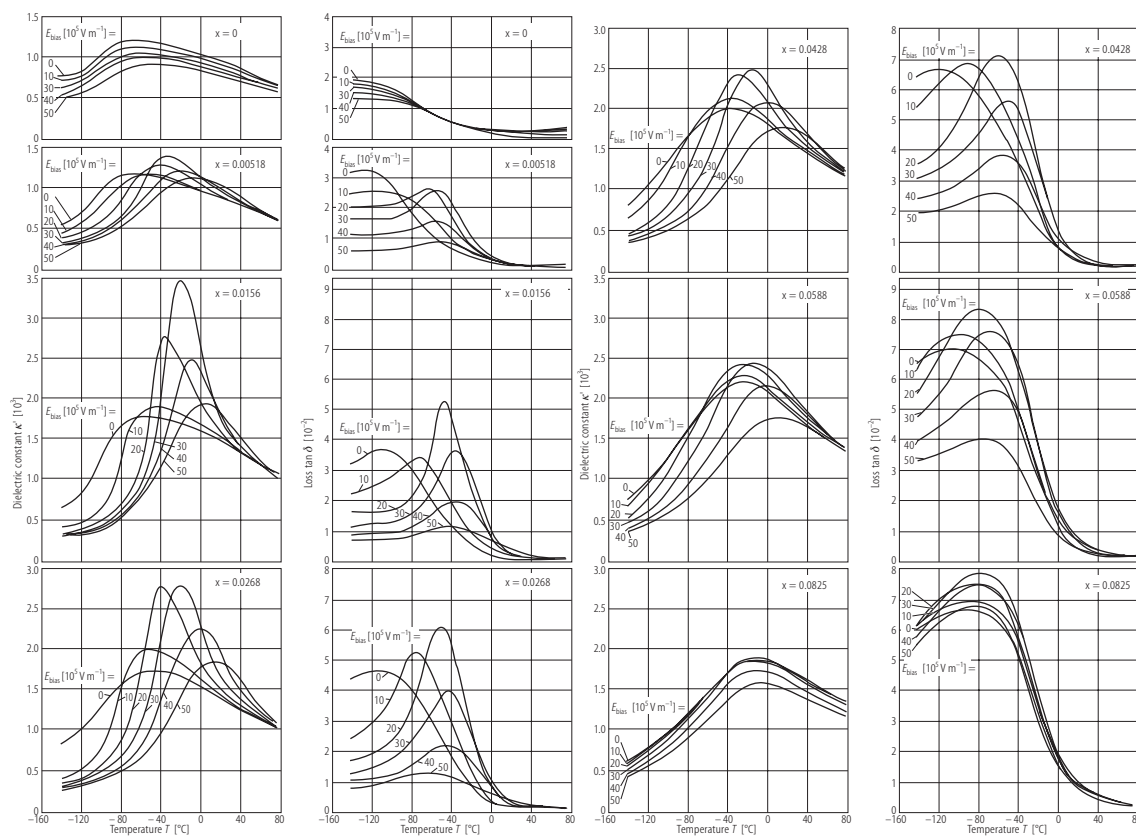


Fig. 1C-c15-002. $(1-x)(\text{Sr}_{0.50}\text{Pb}_{0.25}\text{Ca}_{0.25})\text{TiO}_3 \cdot x(\text{Bi}_2\text{O}_3 \cdot 3\text{TiO}_2)$ (ceramics). κ' , $\tan \delta$ vs. T [82Nis]. Parameter: E_{bias} , $f = 1$ kHz.

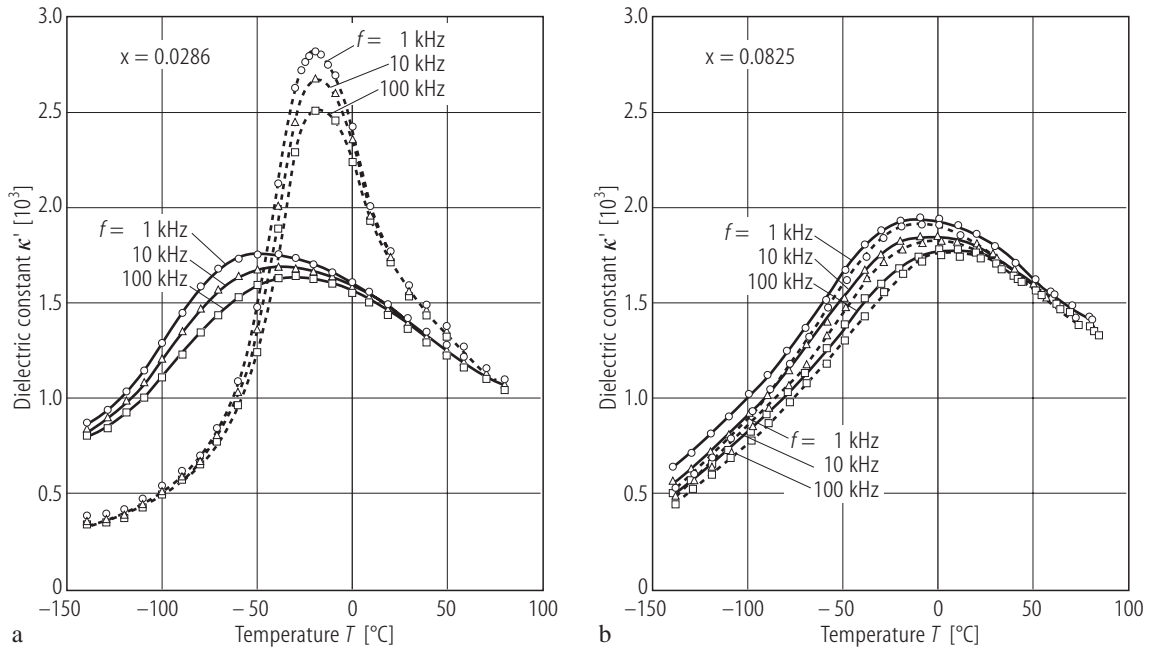


Fig. 1C-c15-003. $(1-x)(\text{Sr}_{0.50}\text{Pb}_{0.25}\text{Ca}_{0.25})\text{TiO}_3 \cdot x(\text{Bi}_2\text{O}_3 \cdot 3\text{TiO}_2)$ (ceramics). κ' vs. T [82Nis]. Parameters: f , E_{bias} . Full line: $E_{\text{bias}} = 0$. Dashed line: $E_{\text{bias}} = 3 \cdot 10^3 \text{ kV m}^{-1}$.

References

- 82Nis Nishigaki, S., Murano, K., Ohkoshi, A.: J. Am. Ceram. Soc. **65** (1982) 554.
89Yam Yamamoto, H., Ogasawara, T., Nakamura, T., Watanabe, Y., Fujiwara, S.: J. Ceram. Soc. Jpn. **97** (1989) 706.