
No. 1C-a37 CdTiO_3 – BaTiO_3

1b, Ferroelectric transition temperature and lattice constant: Fig. 1C-a37-001.
3a

5a Dielectric constant: Fig. 1C-a37-002.

c Spontaneous polarization: see

67Sin

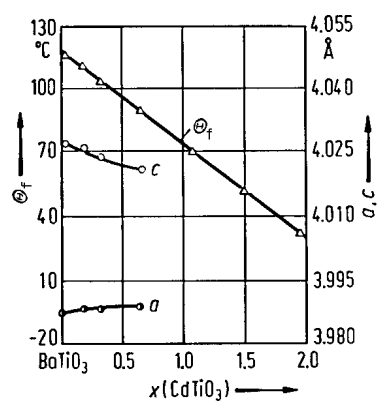


Fig. 1C-a37-001. $(\text{Ba}_{1-x}\text{Cd}_x)\text{TiO}_3$. ϵ_t , a , c vs. x [67Sin].

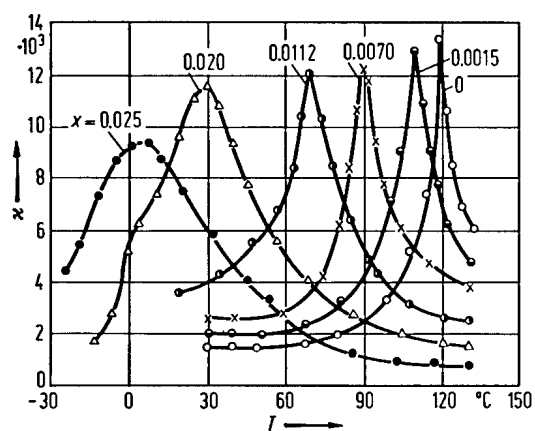


Fig. 1C-a37-002. $(\text{Ba}_{1-x}\text{Cd}_x)\text{TiO}_3$. κ vs. T [67Sin].
Parameter: x . $f = 1$ kHz. Crystals were grown by the flux (KF) method.

Reference

- 67Sin Sinyakov, E.V., Dudkin, E.F.: *Izv. Akad. Nauk SSSR, Ser. Fiz.* **31** (1967) 1786; *Bull. Acad. Sci. USSR, Phys. Ser. (English Transl.)* **31** (1967) 1829.