

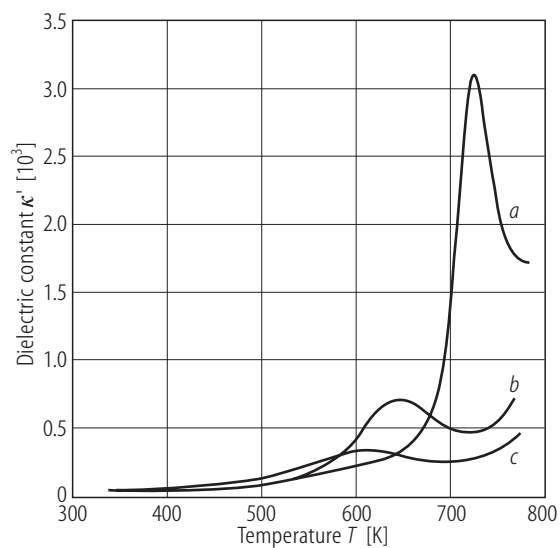
---

**No. 1C-c12 (Li,Ca)(Ta,Zr)O<sub>3</sub>**

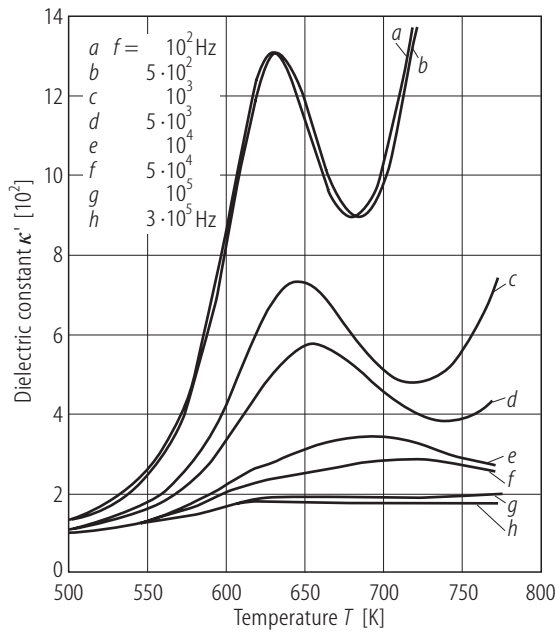
---

5a Dielectric constants: Figs. 1C-c12-001...1C-c12-003.

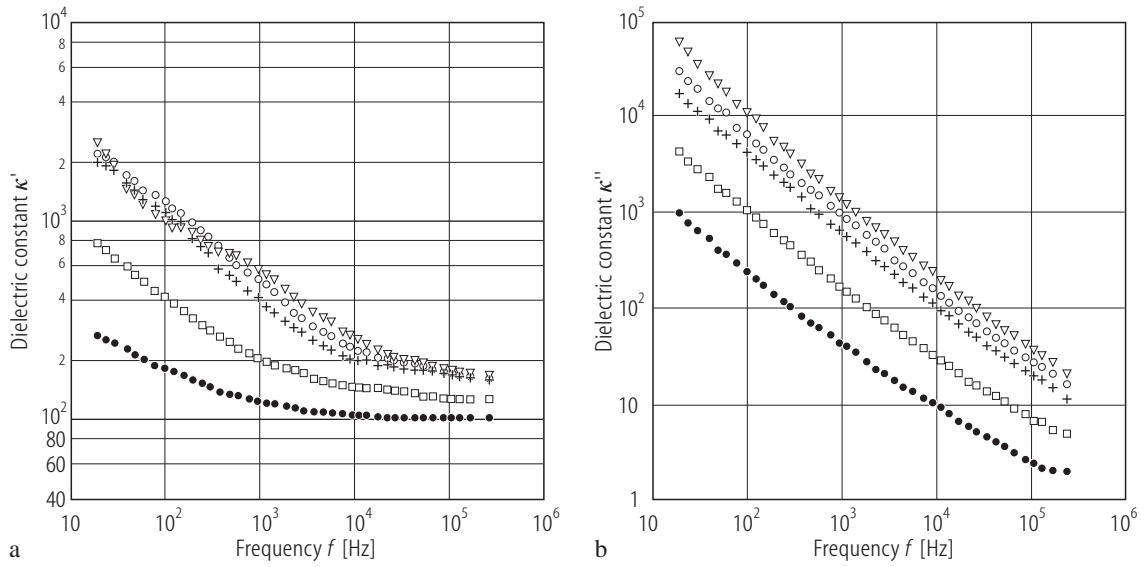
---



**Fig. 1C-c12-001.**  $(\text{Li}_{1-x}\text{Ca}_x)(\text{Ta}_{1-x}\text{Zr}_x)\text{O}_3$  (ceramics).  $\kappa'$  vs.  $T$  [91InH1]. Parameter:  $x$ .  $f = 1$  kHz. *a*:  $x = 0.10$ , *b*:  $x = 0.15$ , *c*:  $x = 0.20$ .



**Fig. 1C-c12-002.**  $(\text{Li}_{0.85}\text{Ca}_{0.15})(\text{Ta}_{0.85}\text{Zr}_{0.15})\text{O}_3$  (ceramics).  $\kappa'$  vs.  $T$  [91InH1]. Parameter:  $f$ . Sintering time: 4 h.



**Fig. 1C-c12-003.**  $(\text{Li}_{0.85}\text{Ca}_{0.15})(\text{Ta}_{0.85}\text{Zr}_{0.15})\text{O}_3$  (ceramics).  $\kappa'$ ,  $\kappa''$  vs.  $f$  [91InH2]. Parameter:  $T$ . Full circles:  $T = 533$  K, squares:  $573$  K, plus signs:  $613$  K, open circles:  $633$  K, triangles:  $653$  K. **(a)**  $\kappa'$ , **(b)**  $\kappa''$ .

**References**

- 91InH1 In, H.B., Ravez, J., Hagenmuller, P.: Eur. J. Solid State Inorg. Chem. **28** (1991) 1259.  
91InH2 In, H.B., Reau, J.-M., Ravez, J.: Phys. Status Solidi (a) **126** (1991) 253.