

No. 1B-b8 $\text{Pb}(\text{Ca}_{1/2}\text{Te}_{1/2})\text{O}_3$
($M = 339.0$)

1a	Dielectric property of $\text{Pb}(\text{Ca}_{1/2}\text{Te}_{1/2})\text{O}_3$ was reported by Politova and Venevtsev.	73Pol
b	Crystal system: perovskite monoclinic at RT.	73Pol
3a	$a = c = 8.26 \text{ \AA}$, $b = 8.24 \text{ \AA}$, $90^\circ < \alpha < 90^\circ 5'$, $\beta = 91^\circ 50'$ at RT.	73Pol
5a	Dielectric constant: Fig. 1B-b8-001.	

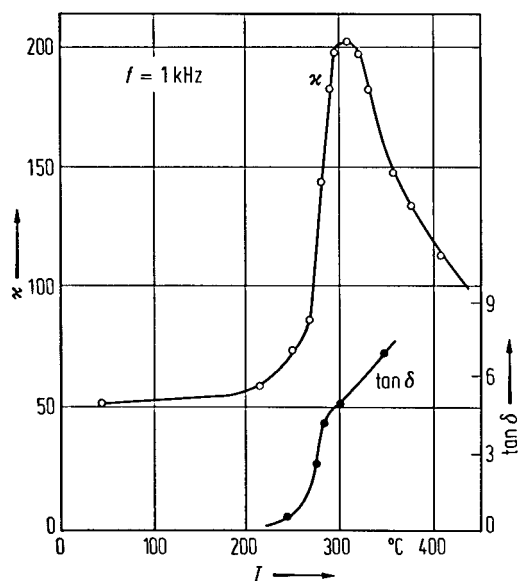


Fig. 1B-b8-001. $\text{Pb}(\text{Ca}_{1/2}\text{Te}_{1/2})\text{O}_3$ (ceramics). κ , $\tan \delta$ vs. T [75Pol]. $f = 1 \text{ kHz}$.

References

- 73Pol Politova, E.D., Venevtsev, Yu.N.: Dokl. Akad. Nauk SSSR **209** (1973) 838; Sov. Phys. Dokl. (English Transl.) **18** (1973) 264.
 75Pol Politova, E.D., Venevtsev, Yu.N.: Mater. Res. Bull. **10** (1975) 319.