
No. 1B-c27 $\text{Pb}(\text{M}_{1/4}\text{M}'_{1/4}\text{M}''_{1/2})\text{O}_3$ (**M = Li, Na, Mg, Sc, Co, Ni, Zn, Cd;**
M' = Cd, Cr, Mn, Fe, Co, Ga, In, La, Yb; M'' = Nb, Ta, W)

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|-------|---|--------------------------|
| 1a | Perovskite type compounds with the formula $\text{Pb}(\text{M}_{1/4}\text{M}'_{1/4}\text{M}''_{1/2})\text{O}_3$ were synthesized by Venevtsev et al. Some of these compounds show dielectric anomaly. | 64Ven
65Vis,
69Shv |
| <hr/> | | |
| 5a | Dielectric constant: Fig. 1B-c27-001.
Effect of f on κ and $\tan \delta$: Fig. 1B-c27-002. | |
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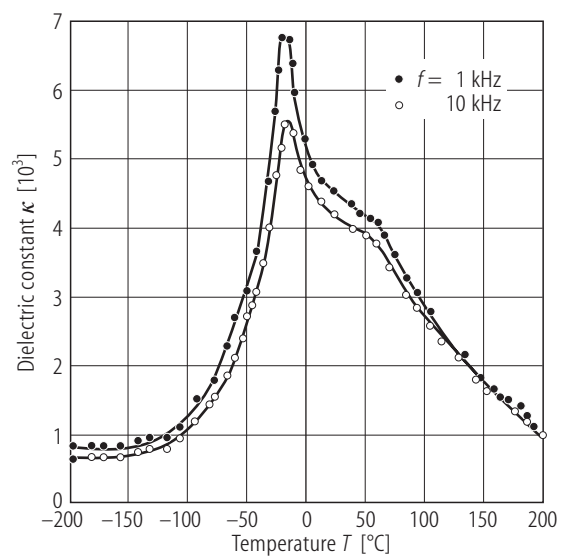


Fig. 1B-c27-001. $\text{Pb}(\text{Mg}_{1/4}\text{Cd}_{1/4}\text{Nb}_{1/2})\text{O}_3$ (polycrystalline). κ vs. T [92Sha]. Parameter: f .

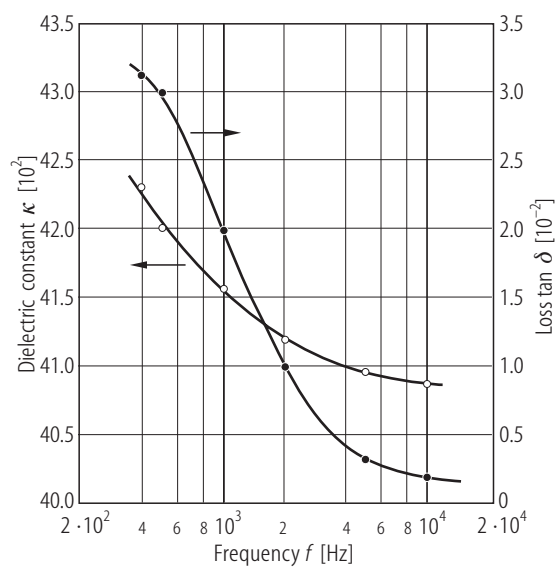


Fig. 1B-c27-002. $\text{Pb}(\text{Mg}_{1/4}\text{Cd}_{1/4}\text{Nb}_{1/2})\text{O}_3$ (polycrystalline).
 κ , $\tan \delta$ vs. f [92Sha]. $T = 26^\circ\text{C}$.

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