
No. 2B-14 LiTaO₃–LiF·MF₂ (M = Mg, Zn)

1b Ferroelectric transition temperature: Fig. 2B-14-001.

3a Unit cell parameters: Fig. 2B-14-002.

5a Dielectric constant: Fig. 2B-14-003.

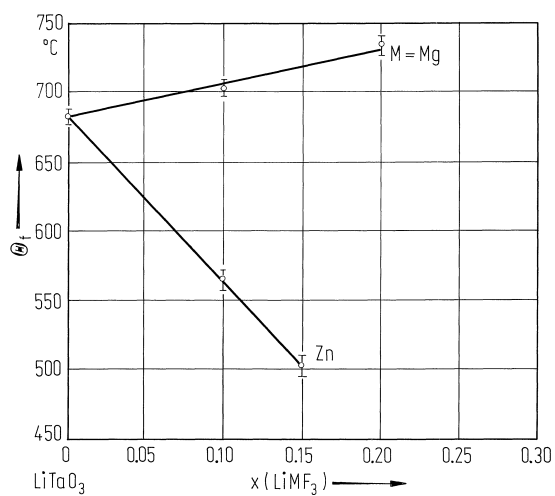


Fig. 2B-14-001. $\text{LiTa}_{1-x}\text{M}_x\text{O}_{3(1-x)}\text{F}_{3x}$ ($\text{M} = \text{Mg}, \text{Zn}$). Θ_f vs. x [86YeZ].

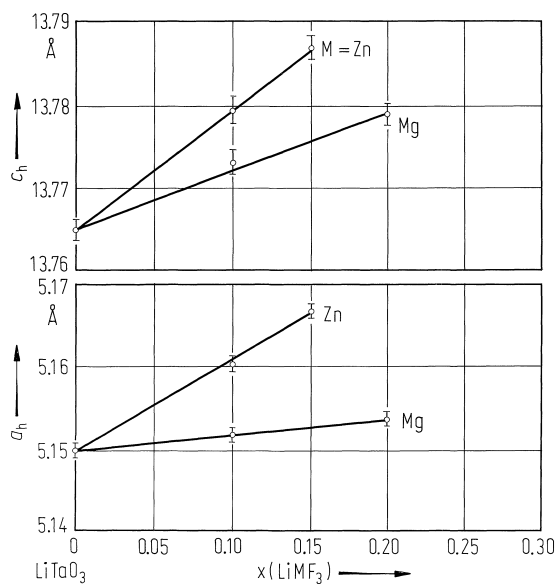


Fig. 2B-14-002. $\text{LiTa}_{1-x}\text{M}_x\text{O}_{3(1-x)}\text{F}_{3x}$ ($\text{M} = \text{Mg, Zn}$). Unit cell parameters vs. x [86YeZ].

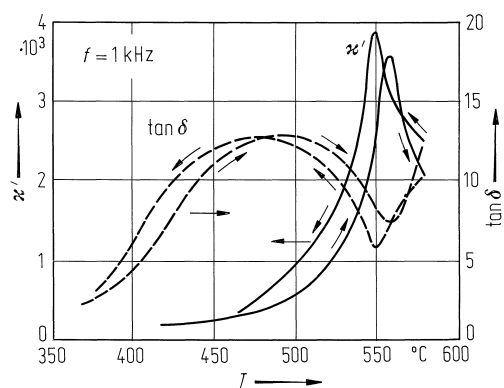


Fig. 2B-14-003. LiTa_{0.9}Zn_{0.1}O_{2.7}F_{0.3} (ceramics). κ' , $\tan \delta$ vs. T [86YeZ]. $f = 1$ kHz.

Reference

86YeZ Ye, Z.G., Von der Mühl, R., Ravez, J.: Mater. Res. Bull. **21** (1986) 1361.