No. 1C-c31 $PbTiO_3$–$PbZrO_3$–$Pb(Mg_{1/2}W_{1/2})O_3$

1b	Ferroelectric transition temperature: Fig. 1C-c31-001.
5a	Dielectric constant: Fig. 1C-c31-001.
c	Spontaneous polarization and coercive field: Fig. 1C-c31-002.
7a	Piezoelectricity: Fig. 1C-c31-003.
8a	Elastic compliance: Fig. 1C-c31-003.

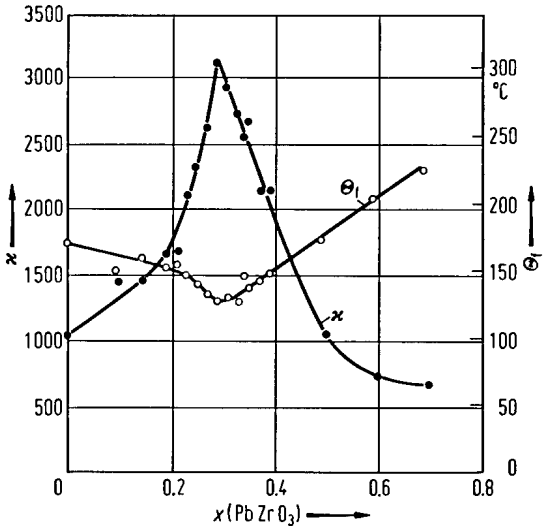

Fig. 1C-c31-001. $Pb[\{Ti_{0.6}(Mg_{1/2}W_{1/2})_{0.4}\}_{1-x}Zr_x]O_3$ (ceramics). Θ_t, κ vs. x [67Sto]. f = 1 kHz.

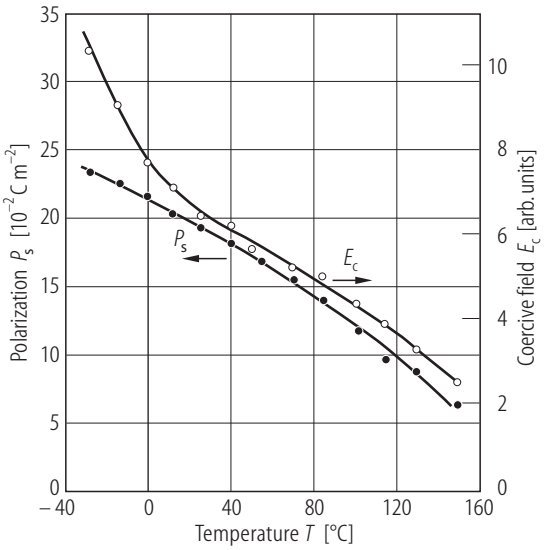

Fig. 1C-c31-002. $Pb(Mg_{0.25}W_{0.25}Ti_{0.42}Zr_{0.08})O_3$: ZnO (ceramics). P_s, E_c vs. T [87Sak]. ZnO content: 8 mol %.

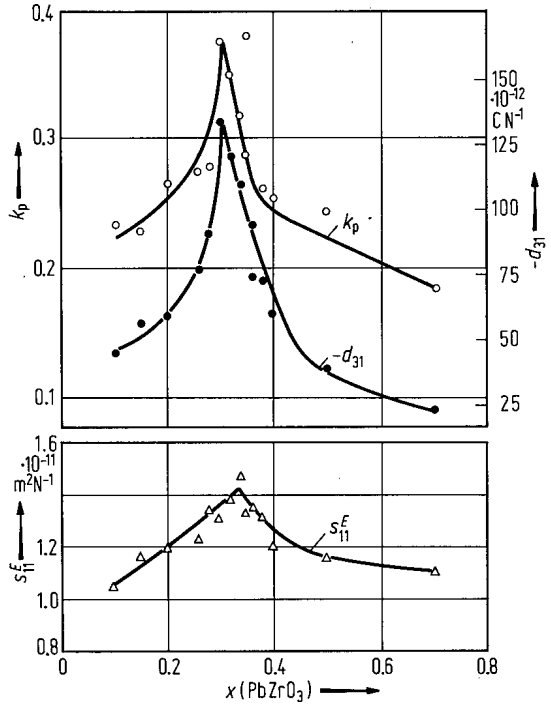

Fig. 1C-c31-003. $Pb[\{Ti_{0.6}(Mg_{1/2}W_{1/2})_{0.4}\}_{1-x}Zr_x]O_3$ (ceramics). k_p, d_{31}, s_{11}^E vs. x [67Sto].

References

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