No. 1C-b27 $PbTiO_3$–$(Ba_{1/2}Bi_{1/2})(Mg_{1/2}Nb_{1/2})O_3$

5a Dielectric constant: Fig. 1C-b27-001.
The right end component is regarded as 0.5:0.5 composition in a solid solution system $Ba(Mg_{1/3}Nb_{2/3})O_3$–$Bi(Mg_{2/3}Nb_{1/3})O_3$.

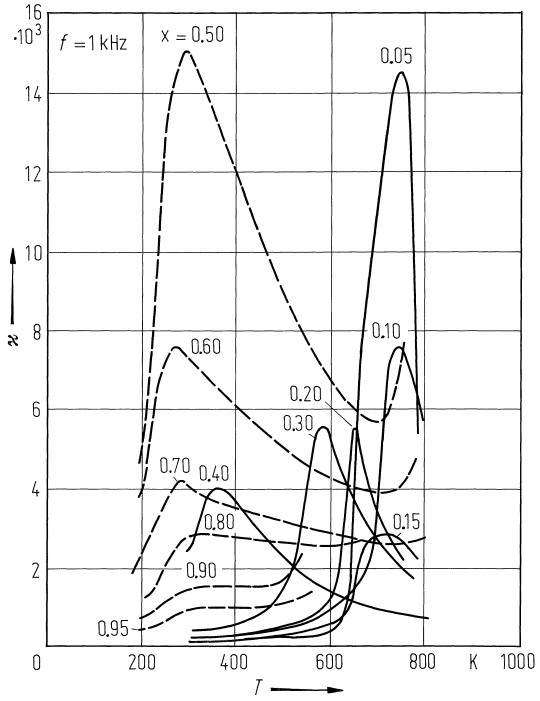

Fig. 1C-b27-001. $(1-x)PbTiO_3 \cdot x\ (Ba_{1/2}Bi_{1/2})(Mg_{1/2}Nb_{1/2})O_3$ (ceramics). κ vs. T [82Kos]. Parameter: x. f = 1 kHz.

Reference

82Kos Kosyachenko, L.G., Kochetkov, V.V., Belous, A.G., Bogatko, V.V., Venevtsev, Yu.N.: Izv. Akad. Nauk SSSR, Neorg. Mater. **18** (1982) 1352; Inorg. Mater. (English Transl.) **18** (1982) 1146.