

**No. 43A-11 K<sub>2</sub>Zn<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>, Potassium zinc sulfate**  
 (*M* = 497.17)

1a	Dielectric anomalies were found for polycrystalline samples by Hikita et al in 1977.				77Hik
b	phase	III	II	I	80Yam1
	state		(F)	P	
	Θ [°C]	-188		-135	
	Transition scheme: see Table 43A-13-001 in No. 43A-13.				
	Color: transparent and colorless.				77Hik
2a	Crystal growth: Czochralski method at about 480 °C.				80Yam1
3a	Unit cell parameter: see Table 43A-2-002 in No. 43A-2.				
b	Z = 4.				
	Crystal structure: Table 43A-11-001, Table 43A-11-002; Fig. 43A-11-001; see also Table 43A-2-003; Fig. 43A-2-002 in No. 43A-2.				
5a	Dielectric constant: Fig. 43A-11-002, Fig. 43A-11-003, Fig. 43A-11-004; see also Fig. 43A-1-002 in No. 43A-1.				
	Hydrostatic pressure effect on dielectric constant: Fig. 43A-11-005.				
	Phase diagram in regard to pressure: Fig. 43A-11-006.				
c	Spontaneous polarization: Fig. 43A-11-007.				
8a	Elastic compliances: Fig. 43A-11-008.				
	Elastic stiffnesses: see				81Mae
13b	ESR of Fe <sup>3+</sup> : see				92Bot
15a	Domain structure was observed by polarized light.				81Yam