

No. 33B-7 TIH₂PO₄–NH₄H₂PO₄ (TDP–ADP)

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| 1a | This system was first studied by Matthias et al. in 1947. | 47Mat |
| b | The data of TI _{1-x} (NH ₄) _x H ₂ PO ₄ (x = 0.67) at RT: Crystal system: tetragonal (isostructural with NH ₄ H ₂ PO ₄). Space group: $\bar{I}4_2d - D_{2d}^{12}$. $\rho = 2.81(5) \cdot 10^3 \text{ kg m}^{-3}$; see also Fig. 33B-7-003 in 5a. | 80Pep 80Pep 80Rep |
| 3a | $a = 7.527(3) \text{ \AA}$, $c = 7.444(3) \text{ \AA}$ at RT. | 80Pep |
| b | Crystal structure: see | 80Pep |
| 5a | Dielectric constant: Fig. 33B-7-001, Fig. 33B-7-002. ϵ_{11-1} vs. x: Fig. 33B-7-003. | |
| 7a | Piezoelectric constant: Fig. 33B-7-004. | |
| 8a | Elastic compliance and stiffness: Fig. 33B-7-005, Fig. 33B-7-006. | |