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Subvolume III/36A2 Substance		Fundamentals	Material preparation	Crystal structure	Lattice distortion	Dielectric properties	Thermal properties	Electromechanical	Elastic properties	Optical properties	Light scattering	Conduction	Magnetism	NMR, ESR	Local structures	Domains	Miscellanea
7	**Pyrochlore-type oxides**																
7A	**Pure compounds**																
1	$Cd_2Nb_2O_7$ [F]	•	•	•	•	•	•	•	•	•	•	•		•		•	
2	$Cd_2Nb_2O_6S$ [(A), F]	•	•	•		•	•			•							
3	$Pb_2Nb_2O_7$	•	•	•		•	•			•	•						
4	$Cd_2Ta_2O_7$	•		•						•	•						
5	Bi_2ScNbO_7	•		•	•						•						
6	Bi_2FeNbO_7	•	•	•	•	•											
7	$Bi_2(Mg_{2/3}Nb_{4/3})O_7$	•		•	•	•											
8	$Bi_2(Ni_{2/3}Nb_{4/3})O_7$	•			•	•											
9	$Pb_2(Mg_{0.23}Nb_{1.87})O_7$	•	•	•		•				•							
10	$AA'BB'O_7$	•		•	•												
7B	**Anion deficient compounds**																
1	$Tl_2Ta_2O_6$	•	•	•		•											
2	$Cd_2MM'O_6$ (M = Sc, Cr, Mn, Fe, Sb; M' = Nb, Ta)	•		•		•											
3	$Pb_2MM'O_6$ (M' = Nb, Ta; M = Sc, Cr, Fe, Ga, Sb, Bi)	•				•											
4	$Pb_2M_{1/2}M'_{1/2}M''O_6$ (M = Li, Ca, Ti, Cd; M' = Ti, Mn, W; M'' = Sn, Nb, Ta)	•															
5	$Pb_2Li_{1/2}Nb_{3/2}O_6$	•	•	•	•	•				•							
6	$Pb_2(M_{2/3}M'_{4/3})O_6$ (M = Ni, Cu, Zn, Cd; M' = Nb, Ta)	•				•											
7	$Pb_2In_mNb_nO_6$	•	•	•	•	•				•						•	
8	$Bi_2Mg_{4/3}Ta_{2/3}O_6$	•				•											
9	$Bi_2Zn_{4/3}Ta_{2/3}O_6$	•		•		•											
7C	**Solid solutions**																
1	$Cd_2Nb_2O_7$–$Mg_2Nb_2O_7$					•											
2	$Cd_2Nb_2O_7$–$Ca_2Nb_2O_7$			•		•											
3	$Cd_2Nb_2O_7$–$Pb_2Nb_2O_7$	•		•													
4	$Cd_2Nb_2O_7$–$Cd_2Ta_2O_7$			•		•											
5	$(Cd,Pb)_2(Nb,Ta)_2O_7$	•				•											

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6 $Cd_2Nb_2O_7$–$CdANb_2O_7$ (A = Mg, Mn, Fe, Co, Ni, Cu, Zn)	•															
7 $Cd_2Nb_2O_7$–Cd_2NbSbO_7					•											
8 $Cd_2Nb_2O_7$–$CdBiNbTiO_7$					•											
9 $Cd_2Nb_2O_7$–$CdBiNb_{5/3}Zn_{1/3}O_7$					•											
10 $Cd_2Nb_2O_7$–$Cd_{4/3}BiNb_{5/3}O_7$					•											
11 $Cd_2Nb_2O_7$–$NaGdNbTiO_6F$	•		•		•											
12 $Cd_2Nb_2O_7$–$CdGdTi_2O_6F$	•		•													
13 $Cd_2Nb_2O_7$–$Cd_2SnO_5F_2$	•		•										•			
14 $Cd_2Nb_2O_7$–$Cd_2Nb_2O_6S$	•								•							
15 $Cd_2Nb_2O_7$–$CdZnNb_2O_6S$	•				•											
16 $Cd_2Nb_2O_6S$–$CdMNb_2O_6S$ (M = Mn, Fe, Co, Ni, Cu, Zn)	•															
17 $Pb_2Nb_2O_7$–$PbNaNb_2O_6F$	•		•		•											