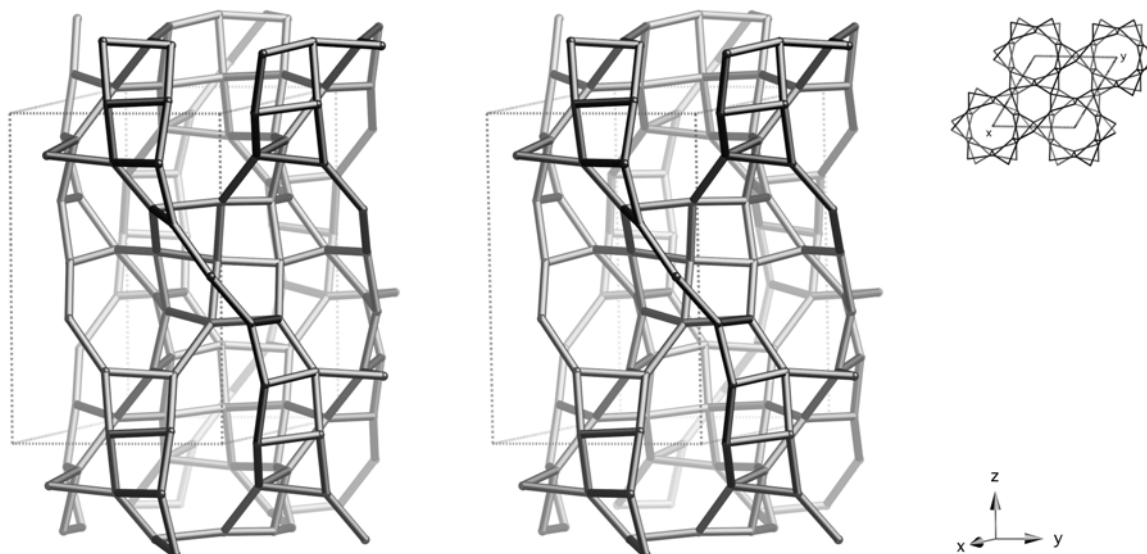


Framework Type Data



framework viewed normal to [001] (upper right: projection down [001])

Idealized cell data: hexagonal, $P6_122$, $a = 9.4\text{\AA}$, $c = 15.3\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(12,1)$	4	9	18	32	54	83	113	149	191	234	$4\cdot4\cdot4\cdot8_6\cdot8\cdot8$
$T_2(6,2)$	4	10	20	33	56	85	114	144	192	242	$4\cdot4\cdot8_3\cdot8_3\cdot8_6\cdot8_6$
$T_3(6,2)$	4	8	16	33	52	73	112	160	190	214	$4\cdot4\cdot4\cdot4\cdot8\cdot8$

Secondary building units: $4\cdot[1,1]$ or 4

Materials with this framework type:

*Chiral Zincophosphate^(1,2)

$[(H_3DETA)_2(H_2O)_{12}][Mn_6Ga_6P_{12}O_{48}]\text{-CZP}^{(3)}$

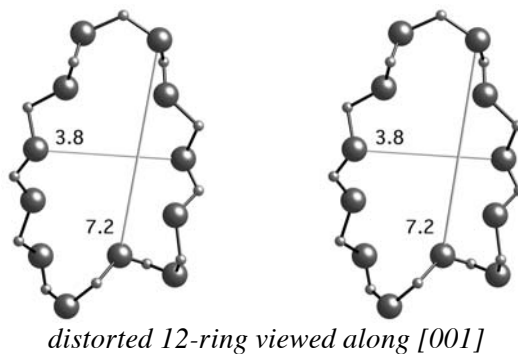
$[Na\text{-}I[Co\text{-}Zn\text{-}P\text{-}O]]\text{-CZP}^{(4)}$

$[Zn\text{-}B\text{-}P\text{-}O]\text{-CZP}^{(5)}$

Type Material: Chiral Zincophosphate

Type Material Data

Crystal chemical data:	$\text{[Na}_{12}(\text{H}_2\text{O})_{12}\text{][Zn}_{12}\text{P}_{12}\text{O}_{48}]$ -CZP hexagonal, $P6_122$, $a = 10.480\text{\AA}$, $c = 15.089\text{\AA}$ ⁽²⁾
Framework density:	16.7 T/1000 \AA^3
Channels:	[001] 12 3.8 x 7.2* (highly distorted 12-ring)



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- (3) Lin, C.H. and Wang, S.L. *Chem. Mater.*, **14**, 96-102 (2002)
- (4) Helliwell, M., Helliwell, J.R., Kaucic, V., Logar, N.Z., Barba, L., Busetto, E. and Lausi, A. *Acta Crystallogr.*, **B55**, 327-332 (1999)
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