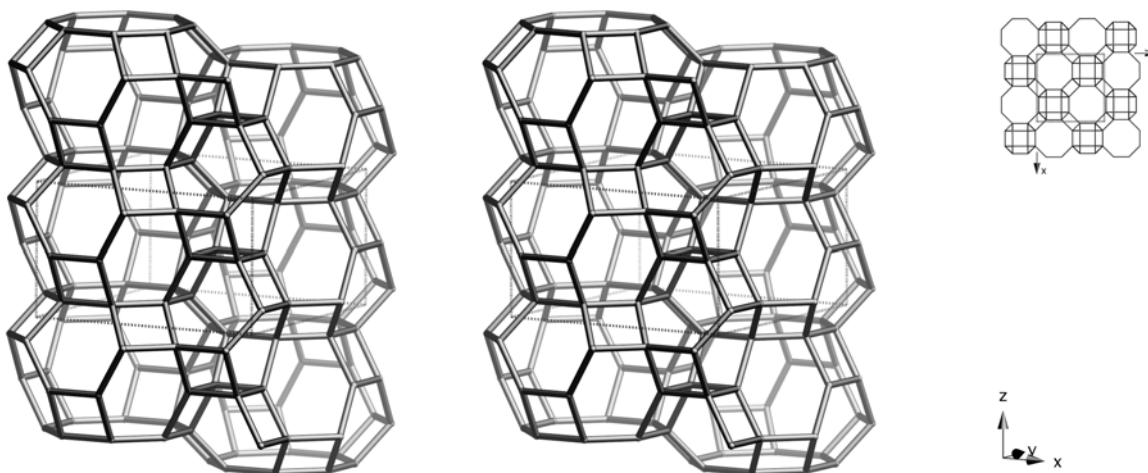


Framework Type Data



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

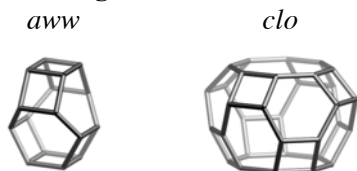
Idealized cell data: tetragonal, $P4/nmm$ (origin choice 2), $a = 13.6\text{\AA}$, $c = 7.6\text{\AA}$

Coordination sequences and vertex symbols:

T_1 (16,1)	4	10	20	33	50	72	98	128	162	200	4-4-6-6-6-8
T_2 (8,2)	4	9	17	30	50	74	97	123	158	198	4-4-4-6-6-6

Secondary building units: 6 or 4

Composite building units:



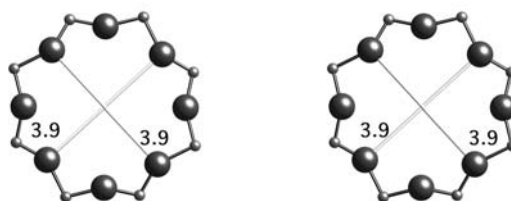
Materials with this framework type:

*AIPO-22⁽¹⁾

AIPO-CJB1 (additional phosphate group present)⁽²⁾

Type Material Data

Crystal chemical data:	$[(C_7H_{14}N)_4 (HPO_4)_2] [Al_{24}P_{24}O_{96}]$ -AWW $C_7H_{14}N$ = quinuclidinium tetragonal, $P4/ncc$, $a = 13.628\text{\AA}$, $c = 15.463\text{\AA}$ ⁽¹⁾ (Relationship to unit cell of Framework Type: $a' = a$, $c' = 2c$)
Framework density:	16.7 T/1000 \AA^3
Channels:	[001] 8 3.9 x 3.9*



8-ring viewed along [001]

References:

- (1) Richardson Jr., J.W., Pluth, J.J. and Smith, J.V. *Naturwiss.*, **76**, 467-469 (1989)
- (2) Yan, W.F., Yu, J.H., Xu, R.R., Zhu, G.S, Xiao, F.S., Han, Y., Sugiyama, K. and Terasaki, O. *Chem. Mater.*, **12**, 2517-2519 (2000)