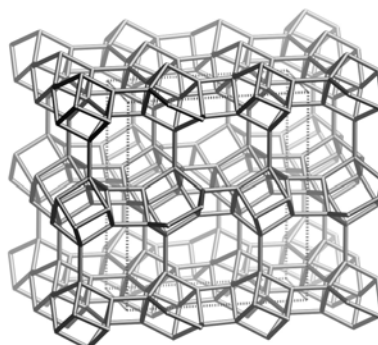
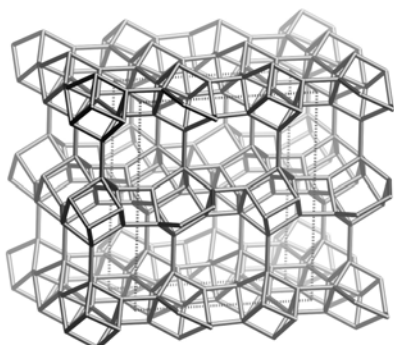


Framework Type Data



framework viewed along [100]

Idealized cell data: orthorhombic, *Pbcm*, $a = 6.9\text{\AA}$, $b = 14.9\text{\AA}$, $c = 17.2\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(8,1)$	4	10	21	34	47	72	108	136	162	200	$4\cdot 8\cdot 4\cdot 8_2\cdot 6_3\cdot 8$
$T_2(8,1)$	4	9	19	33	53	78	100	126	166	213	$4\cdot 4\cdot 4\cdot 8\cdot 6\cdot 6_3$
$T_3(8,1)$	4	10	18	33	57	77	95	129	172	209	$4\cdot 6\cdot 4\cdot 6\cdot 6\cdot 8$
$T_4(8,1)$	4	9	17	32	53	74	98	128	165	208	$4\cdot 6\cdot 4\cdot 6_2\cdot 4\cdot 8$

Secondary building units: 6-2 or 4-4- or 4

Composite building units:

sti



Materials with this framework type:

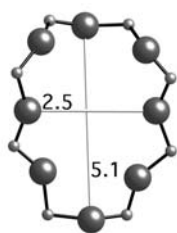
*ZAPO-M1⁽¹⁾

GaPO-DAB-2^(2,3)

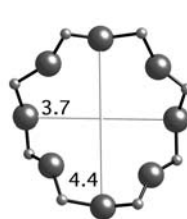
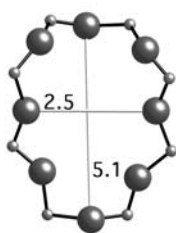
UiO-7^(4,5)

Type Material Data

Crystal chemical data:	$[(C_4H_{12}N)_8] [Zn_8Al_{24}P_{32}O_{128}]$ -ZON $C_4H_{12}N$ = tetramethylammonium orthorhombic, $Pbca$, $a = 14.226\text{\AA}$, $b = 15.117\text{\AA}$, $c = 17.557\text{\AA}$ ⁽¹⁾ (Relationship to unit cell of Framework Type: $a' = 2a$, $b' = b$, $c' = c$)
Framework density:	17 T/1000 \AA^3
Channels:	[100] 8 2.5 x 5.1* \leftrightarrow [010] 8 3.7 x 4.4*



8-ring viewed along [100]



8-ring viewed along [010]

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- (2) Schott-Darie, C., Kessler, H., Soulard, M., Gramlich, V. and Benazzi, E. *Stud. Surf. Sci. Catal.*, **84**, 101-108 (1994)
- (3) Meden, A., Grosse-Kunstleve, R.W., Baerlocher, Ch. and McCusker, L.B. *Z. Kristallogr.*, **212**, 801-807 (1997)
- (4) Akporiaye, D.E., Fjellvag, H., Halvorsen, E.N., Hustveit, J., Karlsson, A. and Lillerud, K.P. *Chem. Commun.*, 601-602 (1996)
- (5) Akporiaye, D.E., Fjellvag, H., Halvorsen, E.N., Hustveit, J., Karlsson, A. and Lillerud, K.P. *J. Phys. Chem.*, **100**, 16641-16646 (1996)