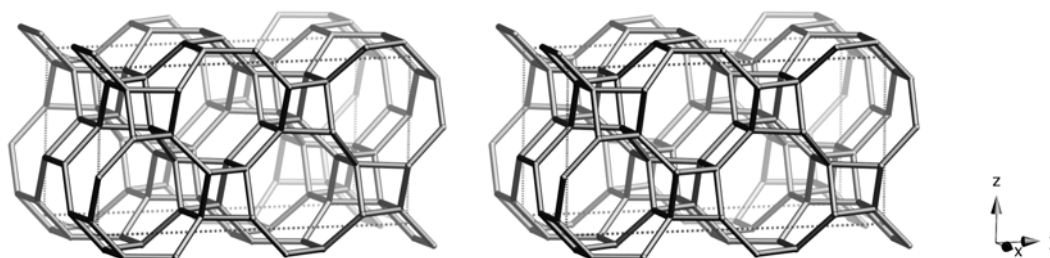


Framework Type Data



framework viewed along [100]

Idealized cell data: orthorhombic, *Cmce*, $a = 8.7\text{\AA}$, $b = 20.1\text{\AA}$, $c = 10.2\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(16,1)$	4	10	21	37	57	82	112	145	184	228	$4\cdot 4\cdot 6_2\cdot 8_3\cdot 6_3\cdot 8_3$
$T_2(16,1)$	4	11	22	38	59	83	113	147	186	230	$4\cdot 6_2\cdot 6\cdot 6_2\cdot 6\cdot 6_3$

Secondary building units: 8 or 6-2 or 4

Composite building units:

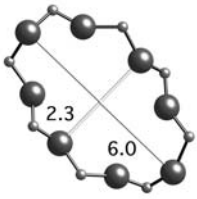
nsc
narsarsukite
chain

Materials with this framework type:

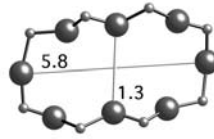
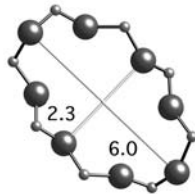
*AIPO-D⁽¹⁾
 APO-CJ3⁽²⁾

Type Material Data

Crystal chemical data:	[Al ₁₆ P ₁₆ O ₆₄]-APD (forms irreversibly from AIPO-C at around 200°C) orthorhombic, $Pca2_1$, $a = 19.187\text{\AA}$, $b = 8.576\text{\AA}$, $c = 9.804\text{\AA}$ ⁽¹⁾ (Relationship to unit cell of Framework Type: $a' = b$, $b' = a$, $c' = c$)
Framework density:	19.8 T/1000Å ³
Channels:	[010] 8 2.3 x 6.0* ↔ [201] 8 1.3 x 5.8*



distorted 8-ring viewed along [010]



distorted 8-ring along [201]

References:

- (1) Keller, E.B., Meier, W.M. and Kirchner, R.M. *Solid State Ionics*, **43**, 93-102 (1990)
- (2) Wang, K.X., Yu, J.H., Zhu, G.S., Zou, Y.C. and Xu, R.R. *Microporous Mesoporous Mat.*, **39**, 281-289 (2000)