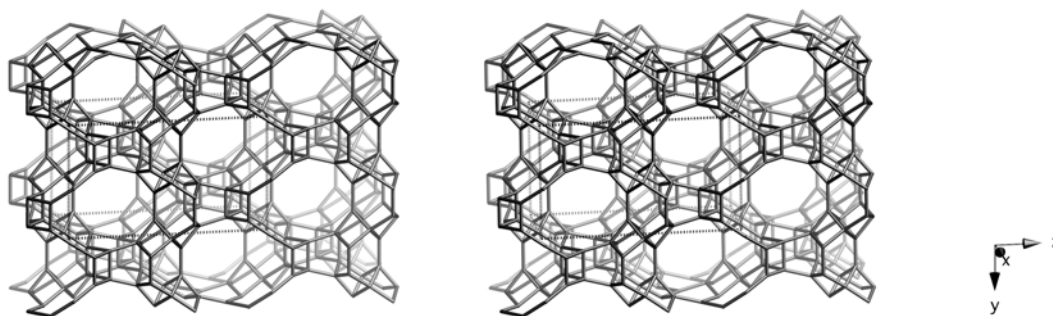


Framework Type Data



framework viewed along [100]

Idealized cell data: orthorhombic, *Imma*, $a = 10.2\text{\AA}$, $b = 12.6\text{\AA}$, $c = 21.7\text{\AA}$

Coordination sequences and vertex symbols:

T ₁ (16,1)	4	10	19	31	49	72	97	124	155	194	236	278	4·4·6·6·6 ₂ ·8
T ₂ (8, <i>m</i> ..)	4	10	19	31	51	73	93	123	157	195	236	274	4·6 ₂ ·4·6 ₂ ·6 ₂ ·12 ₁₈
T ₃ (8, <i>m</i> ..)	4	10	20	32	48	71	98	126	155	192	237	280	4·6·4·6·6 ₂ ·8
T ₄ (8, <i>m</i> ..)	4	9	17	30	49	73	97	120	154	199	237	273	4·6·4·6·4·12 ₂₆
T ₅ (8,2..)	4	9	18	29	48	72	94	124	156	192	236	278	4·4·4·8·6 ₂ ·6 ₂

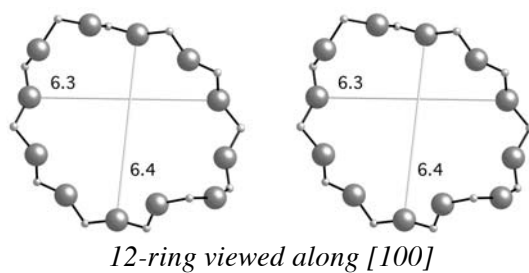
Secondary building units: see *Compendium*

Composite building units:*lau**bph***Materials with this framework type:**

*EMM-3⁽¹⁾

Type Material: EMM-3**Type Material Data**

Crystal chemical data:	[Al ₂₄ P ₂₄ O ₉₆]-EZT monoclinic, <i>I2/m</i> $a = 10.3132 \text{ \AA}$, $b = 12.6975 \text{ \AA}$, $c = 21.8660 \text{ \AA}$, $\alpha = 89.656^\circ$ ⁽¹⁾
Framework density:	16.8 T/1000Å ³
Channels:	[100] 12 6.5 x 7.4*

**References:**

- (1) Afeworki, M., Dorset, D.L., Kennedy, G.J. and Strohmaier, K.G. *Chem. Mater.*, **18**, 1697-1704 (2006)