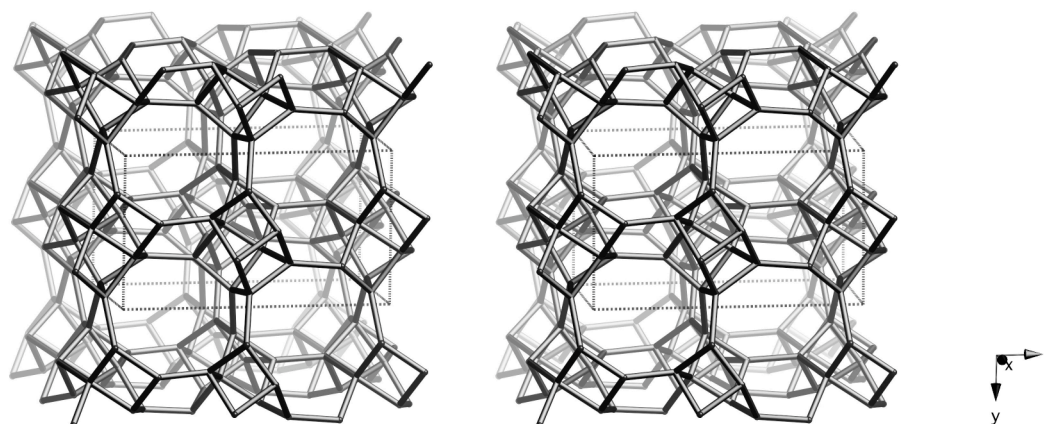


## Framework Type Data

*framework viewed along [100]*

**Idealized cell data:** orthorhombic, *Pca2<sub>1</sub>*,  $a = 8.9\text{\AA}$ ,  $b = 9.2\text{\AA}$ ,  $c = 16.1\text{\AA}$

**Coordination sequences and vertex symbols:**

T <sub>1</sub> (4,1)	4	10	20	36	56	76	105	144	180	215	260	323	4·6·4·6·6·8
T <sub>2</sub> (4,1)	4	10	20	34	54	82	108	134	175	224	264	304	4·6·4·6·6 <sub>2</sub> ·10 <sub>7</sub>
T <sub>3</sub> (4,1)	4	10	19	34	56	78	106	144	179	211	262	321	4·6·4·6 <sub>2</sub> ·6 <sub>3</sub> ·6 <sub>4</sub>
T <sub>4</sub> (4,1)	4	11	20	34	55	83	110	136	176	227	264	304	4·6·6·6 <sub>2</sub> ·6 <sub>4</sub> ·10 <sub>7</sub>
T <sub>5</sub> (4,1)	4	9	18	34	54	75	104	142	176	211	260	319	4·4·4·6·6·6 <sub>3</sub>
T <sub>6</sub> (4,1)	4	10	21	38	57	76	105	146	182	212	262	325	4·6·4·6·6 <sub>2</sub> ·8

**Secondary building units:** 4-2

**Materials with this framework type:**

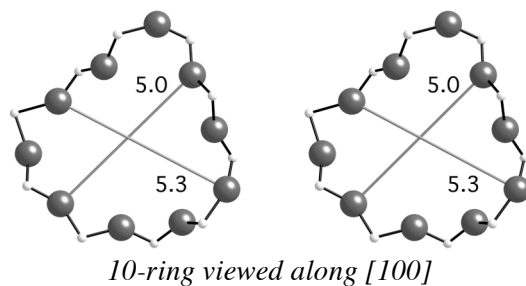
\*IST-1<sup>(1)</sup>

## Type Material Data

**Crystal chemical data:**  $[(\text{CH}_3\text{NH}_3)_4(\text{CH}_3\text{NH}_2)_4(\text{OH})_4] [\text{Al}_{12}\text{P}_{12}\text{O}_{48}]$ -PON  
orthorhombic,  $Pca2_1$ ,  $a = 9.6152\text{\AA}$ ,  $b = 8.6702\text{\AA}$ ,  $c = 16.2196\text{\AA}$  <sup>(1)</sup>

**Framework density:** 17.7 T/1000 $\text{\AA}^3$

**Channels:** [100] **10** 5.0 x 5.3\*

**References:**

- (1) Jorda, J.L., McCusker, L.B., Baerlocher, Ch., Morais, C.M., Rocha, J., Fernandez, C., Borges, C., Lourenco, J.P., Ribeiro, M.F. and Gabelica, Z. *Microporous Mesoporous Mat.*, **65**, 43-57 (2003)