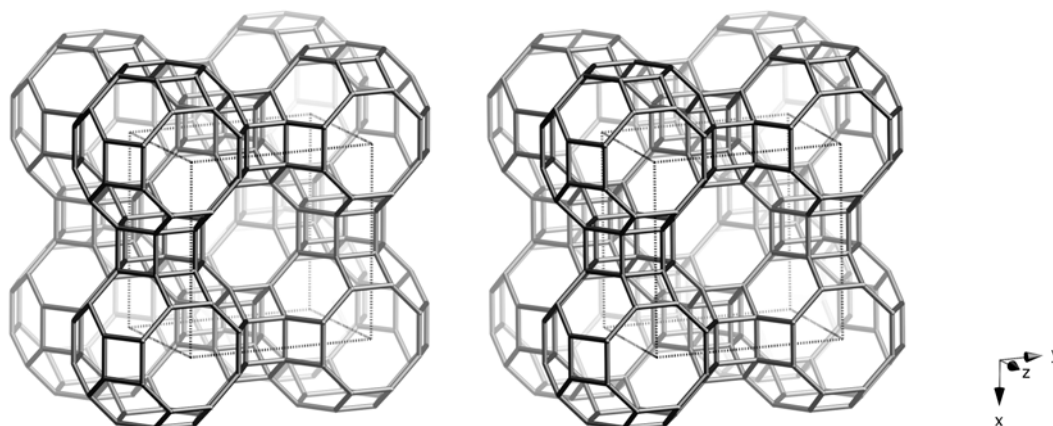


## Framework Type Data



*framework viewed along [001]*

**Idealized cell data:** tetragonal,  $I4/mmm$ ,  $a = 14.3\text{\AA}$ ,  $c = 10.4\text{\AA}$

**Coordination sequences and vertex symbols:**

$T_1(16,m)$	4	10	19	30	45	65	90	118	145	175	4-6-4-6-6-8
$T_2(16,2)$	4	9	17	30	48	68	87	109	142	184	4-4-4-6-6-6

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

**Composite building units:**

*d6r*



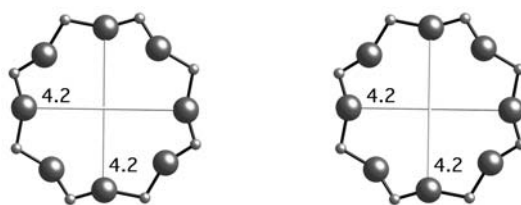
**Materials with this framework type:**

\*STA-6<sup>(1)</sup>

SSZ-73<sup>(2)</sup>

## Type Material Data

<b>Crystal chemical data:</b>	$\text{I}(\text{C}_{14}\text{H}_{34}\text{N}_4)_{1.5}(\text{H}_2\text{O})_{2.5}\text{I}[\text{Mg}_3\text{Al}_{13}\text{P}_{16}\text{O}_{64}]\text{-SAS}$ $\text{C}_{14}\text{H}_{32}\text{N}_4 = 1,4,8,11\text{-tetramethyl-1,4,8,11-tetraazatetradecane}$ tetragonal, $P4/mnc$ , $a = 14.282\text{\AA}$ , $c = 10.249\text{\AA}$ <sup>(1)</sup>
<b>Framework density:</b>	15.3 T/1000 $\text{\AA}^3$
<b>Channels:</b>	[001] <b>8</b> 4.2 x 4.2*



8-ring viewed along [001]

**References:**

- (1) Patinec, V., Wright, P.A., Lightfoot, P., Aitken, R.A. and Cox, P.A. *J. Chem. Soc., Dalton Trans.*, 3909-3911 (1999)
- (2) Zones, S., Burton, A. and Ong, K. *U.S. Patent 7,138,099* (2006)