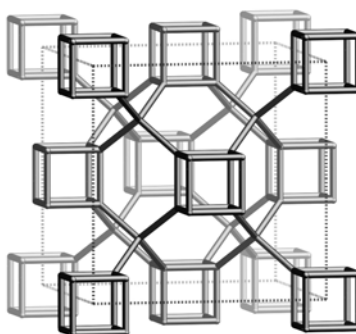
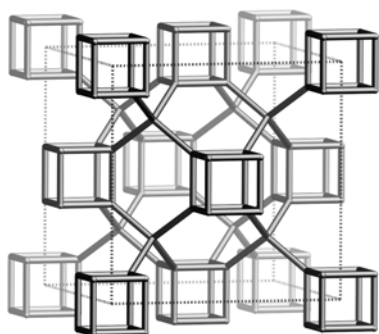


## Framework Type Data



framework viewed along  $[100]$

**Idealized cell data:** cubic,  $Fm\bar{3}m$ ,  $a = 13.6\text{\AA}$

**Coordination sequences and vertex symbols:**

$T_1 (32,3m)$	4	9	19	34	48	66	96	127	151	183	4·6·4·6·4·6
$T_2 (8, \bar{4}3m)$	4	12	18	28	52	78	88	112	162	204	6·6·6·6·6·6

**Secondary building units:** 4-1

**Composite building units:**

$d4r$



**Materials with this framework type:**

\*AlPO-16<sup>(1)</sup>

Octadecasil<sup>(2)</sup>

$[\text{Si}_n\text{Ge}_{40-n}\text{O}_{80}]$ -AST,  $0 \leq n \leq 40$ <sup>(3)</sup>

## Type Material Data

<b>Crystal chemical data:</b>	$\text{[(C}_7\text{H}_{13}\text{N)}_4 (\text{H}_2\text{O)}_{16}] [\text{Al}_{20}\text{P}_{20}\text{O}_{80}]$ -AST C <sub>7</sub> H <sub>13</sub> N = quinuclidine cubic, <i>F</i> 23, $a = 13.383 \text{ \AA}$ <sup>(1)</sup>
<b>Framework density:</b>	16.7 T/1000Å <sup>3</sup>
<b>Channels:</b>	apertures formed by 6-rings only

**References:**

- (1) Bennett, J.M. and Kirchner, R.M. *Zeolites*, **11**, 502-506 (1991)
- (2) Caullet, P., Guth, J.L., Hazm, J., Lamblin, J.M. and Gies, H. *Eur. J. Solid State Inorg. Chem.*, **28**, 345-361 (1991)
- (3) Wang, Y.X., Song, J.Q. and Gies, H. *Solid State Sci.*, **5**, 1421-1433 (2003)