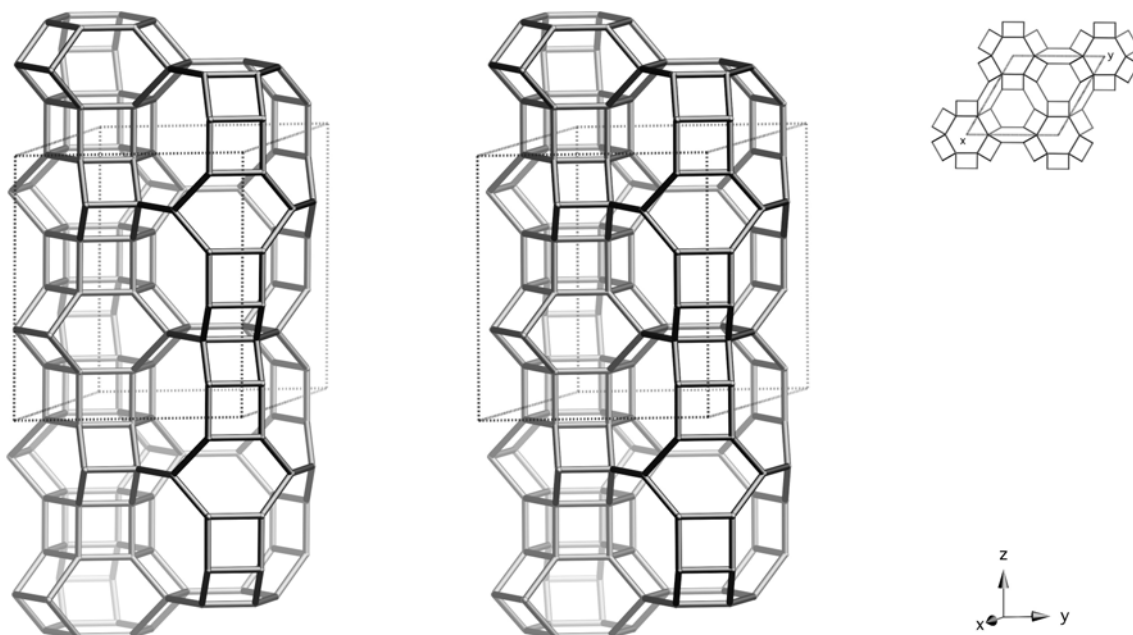


## Framework Type Data



framework viewed normal to [001] (upper right: projection down [001])

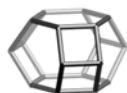
**Idealized cell data:** hexagonal,  $P6_3/mmc$ ,  $a = 13.1\text{\AA}$ ,  $c = 15.2\text{\AA}$

**Coordination sequences and vertex symbols:**

|             |   |    |    |    |    |    |    |     |     |     |             |
|-------------|---|----|----|----|----|----|----|-----|-----|-----|-------------|
| $T_1(24,1)$ | 4 | 9  | 17 | 30 | 50 | 75 | 98 | 118 | 144 | 185 | 4·4·4·6·6·8 |
| $T_2(12,m)$ | 4 | 10 | 20 | 32 | 46 | 64 | 90 | 126 | 164 | 196 | 4·8·4·8·6·6 |

**Secondary building units:** 6 or 4

**Framework description:** AABAAC sequence of 6-rings

**Composite building units:***d6r**can***Materials with this framework type:**\*Erionite<sup>(1-4)</sup>AlPO-17 plus compositional variants<sup>(5-7)</sup>Linde T (**ERI-OFF** structural intermediate)<sup>(8)</sup>LZ-220<sup>(9)</sup>

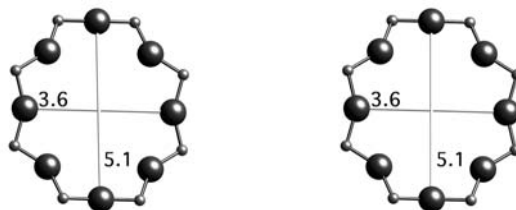
## Type Material: Erionite

## Type Material Data

**Crystal chemical data:**  $\text{[(Ca,Na}_2\text{)}_{3.5} \text{K}_2 (\text{H}_2\text{O})_{27} \text{[Al}_9\text{Si}_{27}\text{O}_{72}\text{]}-\text{ERI}$   
hexagonal,  $P6_3/mmc$ ,  $a = 13.27 \text{ \AA}$ ,  $c = 15.05 \text{ \AA}$  <sup>(3)</sup>

**Framework density:**  $15.7 \text{ T}/1000 \text{ \AA}^3$

**Channels:**  $\perp [001] \text{ 8 } 3.6 \times 5.1^{***}$



8-ring viewed normal to [001]

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- (5) Pluth, J.J., Smith, J.V. and Bennett, J.M. *Acta Crystallogr.*, **C42**, 283-286 (1986)
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- (9) Breck, D.W. and Skeels, G.W. *U.S. Patent 4,503,023* (1985)