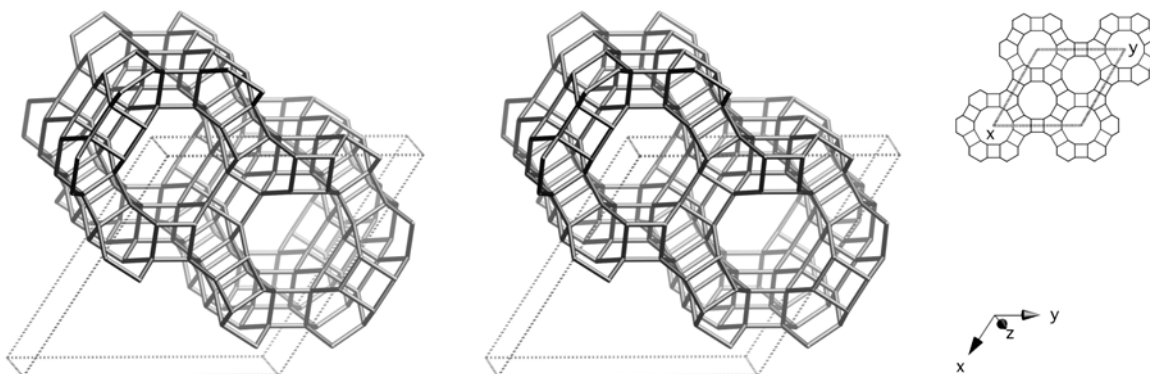


## Framework Type Data



*framework viewed along [001]*

**Idealized cell data:** trigonal,  $R\bar{3}m$ ,  $a = 20.9\text{\AA}$ ,  $c = 5.1\text{\AA}$

**Coordination sequences and vertex symbols:**

$T_1(36,1)$  4 11 22 37 59 85 114 147 184 230

$4\cdot6_2\cdot6\cdot6_2\cdot6\cdot6_3$

**Secondary building units:** 12 or 6 or 4

**Composite building units:**

*lau*



**Materials with this framework type:**

\*AlPO-31<sup>(1,2)</sup>

MAPO-31, M = Mn, Ni, Zn<sup>(3)</sup>

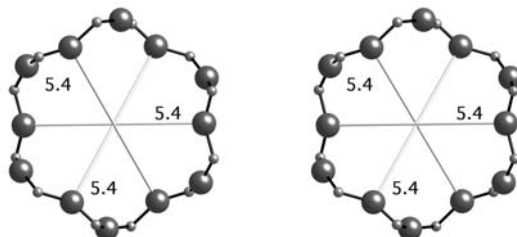
MAPO-31, M = Zn, Mg, Mn, Co, Cr, Cu, Cd<sup>(4)</sup>

SAPO-31<sup>(5-7)</sup>

VAPO-31<sup>(8)</sup>

## Type Material Data

<b>Crystal chemical data:</b>	[Al <sub>18</sub> P <sub>18</sub> O <sub>72</sub> ]-ATO trigonal, $R\bar{3}$ , $a = 20.827\text{\AA}$ , $c = 5.003\text{\AA}$ <sup>(1)</sup>
<b>Framework density:</b>	19.2 T/1000Å <sup>3</sup>
<b>Channels:</b>	[001] 12 5.4 x 5.4*



12-ring viewed along [001]

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