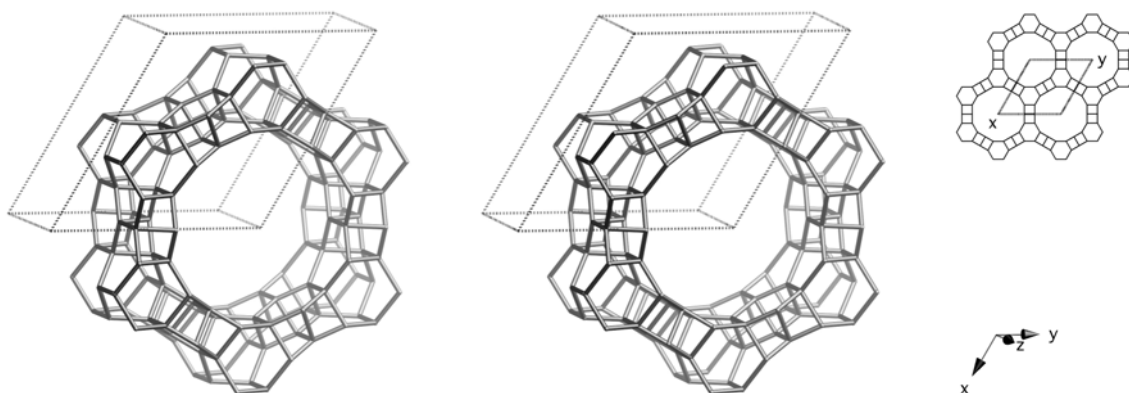


Framework Type Data



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

Idealized cell data: hexagonal, $P6_3/mcm$, $a = 18.3\text{\AA}$, $c = 8.6\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(24,1)$	4	11	20	31	44	61	82	108	139	174	$4\cdot6_2\cdot6\cdot6_3\cdot6_2\cdot6_3$
$T_2(12,m)$	4	10	18	30	44	60	80	106	135	168	$4\cdot6_3\cdot4\cdot6_3\cdot6\cdot6_4$

Secondary building units: 18 or 6 or 4-2

Composite building units:**Materials with this framework type:**

*VPI-5 ⁽¹⁻³⁾	H1 ⁽⁶⁾
AlPO-54 ⁽²⁾	MCM-9 ⁽⁷⁾
CoVPI-5 ⁽⁴⁾	TiVPI-5 ⁽⁸⁾
FAPO-H1 ⁽⁵⁾	

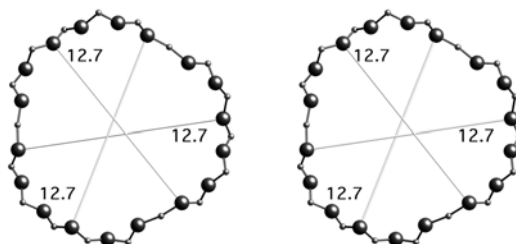
Type Material: VFI-5

Type Material Data

Crystal chemical data: $[(\text{H}_2\text{O})_{42}] [\text{Al}_{18}\text{P}_{18}\text{O}_{72}]$ -VFI
hexagonal, $P6_3$, $a = 18.975\text{\AA}$, $c = 8.104\text{\AA}$ ⁽³⁾

Framework density: 14.2 T/1000 \AA^3

Channels: [001] 18 12.7 x 12.7*



18-ring viewed along [001]

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