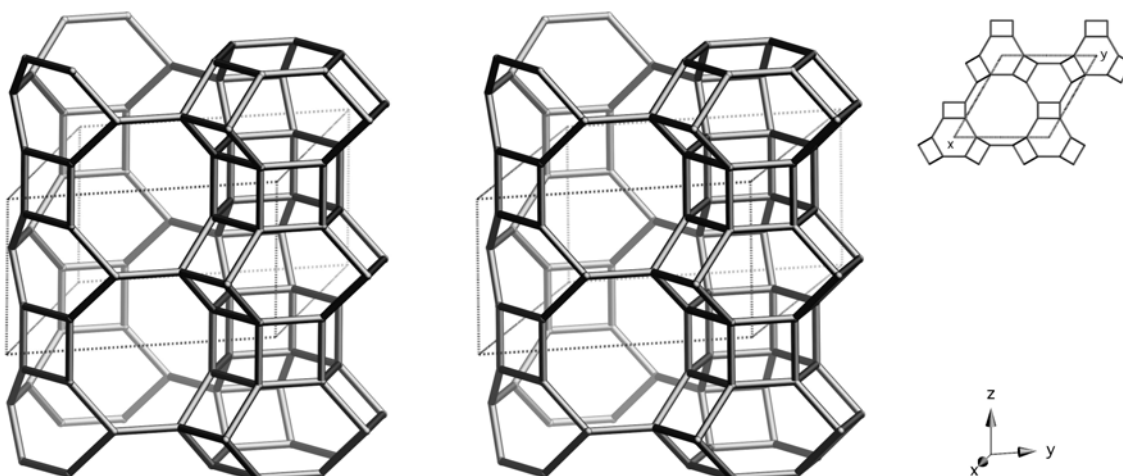


Framework Type Data



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

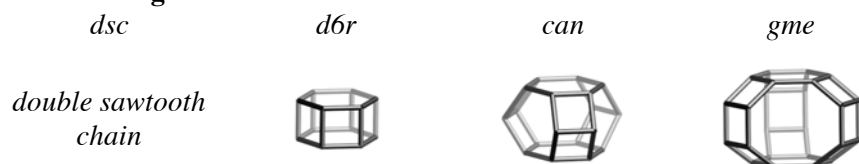
Idealized cell data: hexagonal, $P\bar{6}m2$, $a = 13.1\text{\AA}$, $c = 7.6\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(12,1)$	4	9	17	30	50	75	98	118	144	185	4-4-4-6-6-8
$T_2(6,m)$	4	10	20	32	46	66	94	128	162	192	4-8-4-8-6-6

Secondary building units: 6 or 4-2

Framework description: AAB sequence of 6-rings

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

*Offretite⁽¹⁻⁴⁾

LZ-217⁽⁵⁾

Linde T (ERI-OFF structural intermediate)⁽⁶⁾

Synthetic offretite⁽⁷⁾

TMA-O⁽⁸⁾

Type Material: Offretite

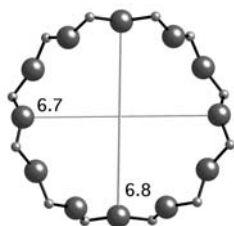
OFF

Type Material Data

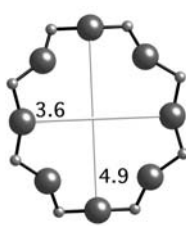
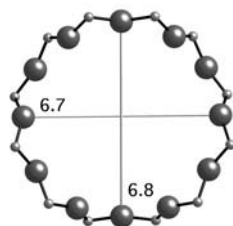
Crystal chemical data: $I(\text{Ca,Mg})_{1.5}\text{K}(\text{H}_2\text{O})_{14}I[\text{Al}_4\text{Si}_{14}\text{O}_{36}]\text{-OFF}$
hexagonal, $P\bar{6}m2$, $a = 13.291\text{\AA}$, $c = 7.582\text{\AA}$ ⁽²⁾

Framework density: $15.5 \text{ T}/1000\text{\AA}^3$

Channels: $[001] \mathbf{12} \ 6.7 \times 6.8^* \leftrightarrow \perp [001] \mathbf{8} \ 3.6 \times 4.9^{**}$



12-ring viewed along [001]



8-ring viewed normal to [001]

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- (4) Alberti, A., Cruciani, G., Galli, E. and Vezzalini, G. *Zeolites*, **17**, 457-461 (1996)
- (5) Breck, D.W. and Skeels, G.W. *U.S. Patent 4,503,023* (1985)
- (6) Breck, D.W. *Zeolite Molecular Sieves*, p. 173 (1974)
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