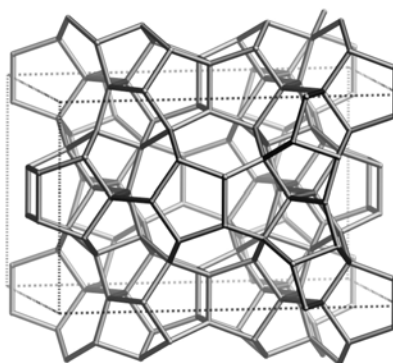
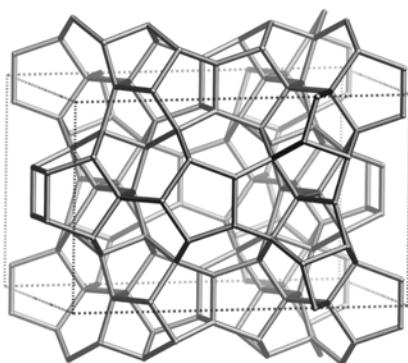


Framework Type Data



framework viewed along [001]

Idealized cell data: orthorhombic, *Fmmm*, $a = 22.9\text{\AA}$, $b = 15.7\text{\AA}$, $c = 13.9\text{\AA}$

Coordination sequences and vertex symbols:

T ₁ (32,1)	4	12	25	42	67	95	133	174	219	273	5·6·5·6·5·6
T ₂ (16, <i>m</i>)	4	12	24	39	64	99	130	174	217	262	5·6·5·6·5·6 ₂
T ₃ (16, <i>m</i>)	4	11	23	44	72	95	124	170	229	279	4·6·5·5·5·5
T ₄ (16, <i>m</i>)	4	12	24	41	65	97	133	173	212	267	5·5 ₂ ·5·6·5·6
T ₅ (8,2 <i>mm</i>)	4	12	24	40	62	92	142	166	214	262	5·5·5·5·12 ₂ *

Secondary building units: see *Compendium*

Composite building units:

non

**Materials with this framework type:**

*Nonasil⁽¹⁾

[B-Si-O]-NON⁽²⁾

I(Co(C₅H₅)₂)₄ F₄[Si₈₈O₁₇₆]-NON⁽³⁾

CF-3⁽⁴⁾

ZSM-51⁽⁵⁾

Type Material Data

Crystal chemical data:	$I(C_5H_{13}N)_4I[Si_{88}O_{176}]$ -NON C ₅ H ₁₃ N = 2-aminopentane orthorhombic, <i>Fmmm</i> , $a = 22.232\text{\AA}$, $b = 15.058\text{\AA}$, $c = 13.627\text{\AA}$ ⁽¹⁾
Framework density:	19.3 T/1000Å ³
Channels:	apertures formed by 6-rings only

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- (3) Vandegoor, G., Freyhardt, C.C. and Behrens, P. *Z. anorg. allg. Chemie*, **621**, 311-322 (1999)
- (4) Long, Y.-C., Zhong, W. and Shen, X. *J. Incl. Phenom.*, **4**, 121-127 (1986)
- (5) Rohrbaugh, W.J. *private communication*