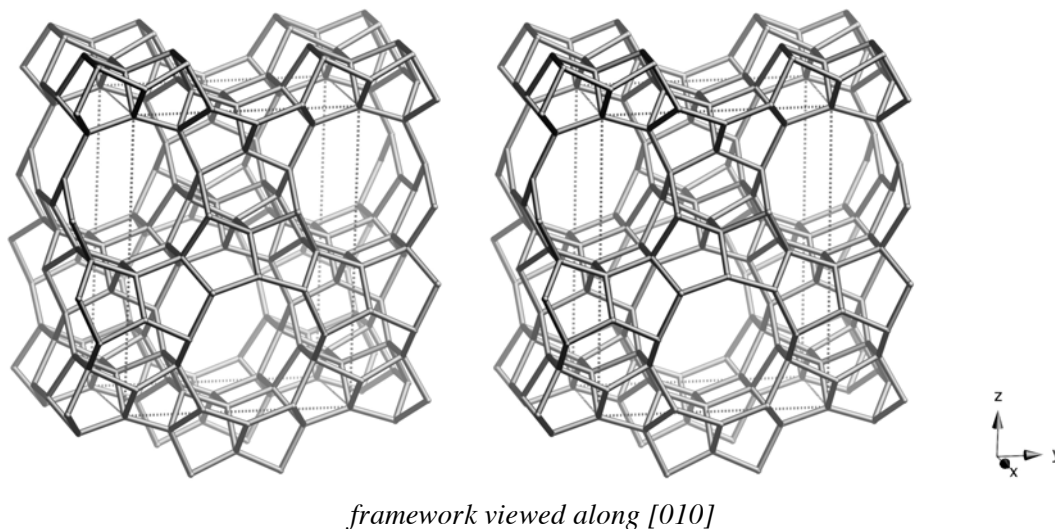


Framework Type Data



Idealized cell data: orthorhombic, *Imm2*, $a = 7.5\text{\AA}$, $b = 14.4\text{\AA}$, $c = 19.0\text{\AA}$

Coordination sequences and vertex symbols:

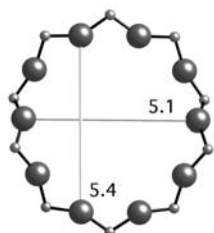
T ₁ (8,1)	4	12	23	39	62	93	127	165	210	260	5·5·5·5·8 ₂
T ₂ (8,1)	4	11	20	39	66	92	124	163	215	257	4·5 ₂ ·5·5·8·10
T ₃ (4, <i>m</i>)	4	12	24	42	64	90	131	168	206	259	5·5·5·5·10 ₂
T ₄ (4, <i>m</i>)	4	12	26	40	60	94	136	168	200	259	5 ₂ ·5 ₂ ·6·8·6·8
T ₅ (4, <i>m</i>)	4	12	19	35	64	96	123	155	207	272	5·5 ₂ ·5·5 ₂ ·6*
T ₆ (4, <i>m</i>)	4	10	22	36	64	98	124	158	213	260	4·5·4·5·8 ₂ ·10
T ₇ (2, <i>mm2</i>)	4	12	22	40	62	92	138	160	196	262	5·5·5·5·6 ₂ *
T ₈ (2, <i>mm2</i>)	4	12	24	38	66	100	118	162	220	262	5·5·5·5·5 ₂ ·10 ₂

Secondary building units: see *Compendium*

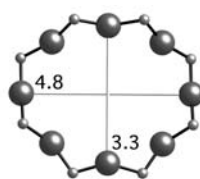
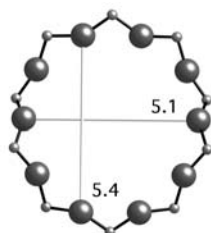
Composite building units:*mtt**fer***Materials with this framework type:***ZSM-57⁽¹⁾COK-5 (intergrowth containing MFS)⁽²⁾

Type Material Data

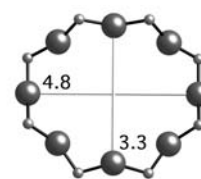
Crystal chemical data:	$[H_{1.5}] [Al_{1.5}Si_{34.5}O_{72}]$ -MFS orthorhombic, $Imm2$, $a = 7.451\text{\AA}$, $b = 14.171\text{\AA}$, $c = 18.767\text{\AA}$ ⁽¹⁾
Framework density:	18.2 T/1000 \AA^3
Channels:	[100] 10 5.1 x 5.4* \leftrightarrow [010] 8 3.3 x 4.8*



10-ring viewed along [100]



8-ring viewed along [010]

**References:**

- (1) Schlenker, J.L., Higgins, J.B. and Valyocsik, E.W. *Zeolites*, **10**, 293-296 (1990)
- (2) Kirschhock, C., Bons, A.J., Mertens, M., Ravishankar, R., Mortier, W., Jacobs, P. and Martens, J. *Chem. Mater.*, **17**, 5618-5624 (2005)