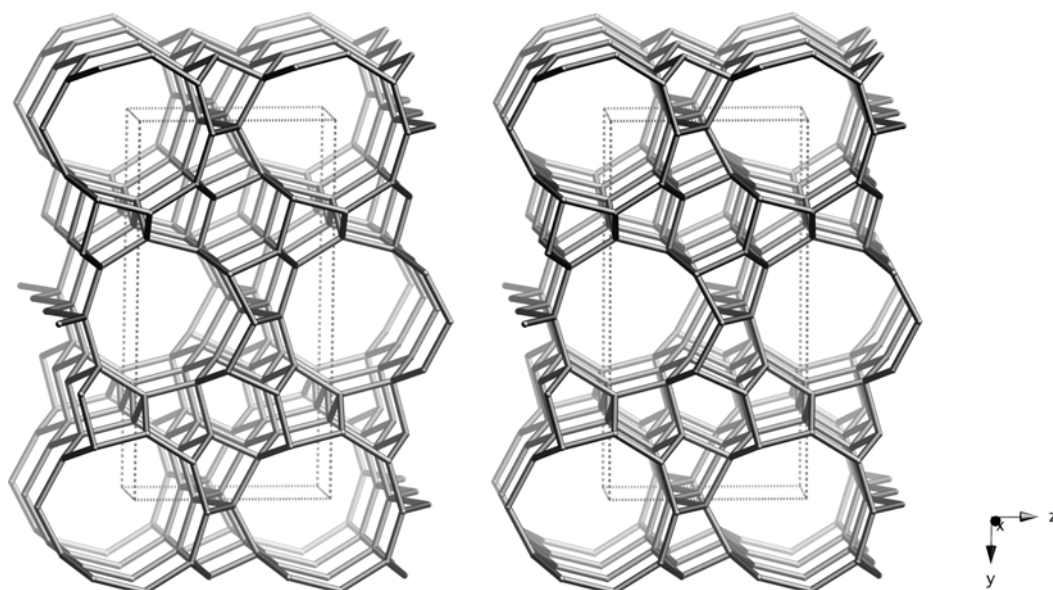


Framework Type Data



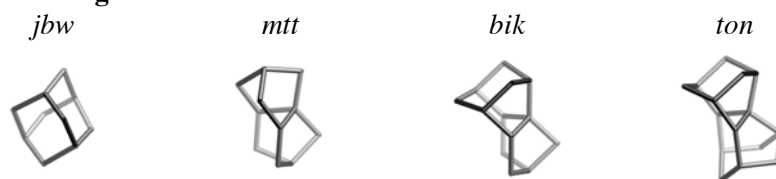
framework viewed along [100]

Idealized cell data: orthorhombic, *Pmmn* (origin choice 1), $a = 5.3\text{\AA}$, $b = 22.0\text{\AA}$, $c = 11.4\text{\AA}$

Coordination sequences and vertex symbols:

$T_1 (4,m)$	4	12	23	43	66	92	130	170	213	261	$5\cdot5\cdot5\cdot5\cdot6\cdot10_2$
$T_2 (4,m)$	4	12	24	40	64	96	136	167	207	258	$5_2\cdot6_2\cdot6\cdot6_2\cdot6\cdot6_2$
$T_3 (4,m)$	4	12	22	40	67	97	124	165	219	265	$5\cdot5\cdot5\cdot5\cdot6_2\cdot10_2$
$T_4 (4,m)$	4	12	22	40	65	98	132	159	206	278	$5\cdot5\cdot5\cdot5\cdot6_2\cdot*$
$T_5 (4,m)$	4	12	24	41	62	97	129	170	212	262	$5_2\cdot6_2\cdot6\cdot6_2\cdot6\cdot6_2$
$T_6 (2,mm2)$	4	12	22	42	66	94	126	164	220	270	$5\cdot5\cdot5\cdot5\cdot6_2\cdot10_2$
$T_7 (2,mm2)$	4	12	24	44	66	88	132	174	214	258	$5\cdot5\cdot5\cdot5\cdot10_2\cdot*$

Secondary building units: 5-1

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

*ZSM-23⁽¹⁻⁴⁾

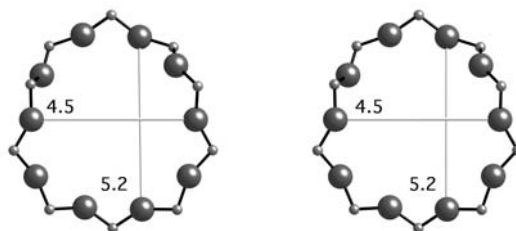
EU-13⁽⁵⁾

ISI-4⁽⁶⁾

KZ-1⁽⁷⁾

Type Material Data

Crystal chemical data:	$\text{[Na}_n(\text{H}_2\text{O})_4\text{] [Al}_n\text{Si}_{24-n}\text{O}_{48}\text{]-MTT}$, $n < 2$ orthorhombic, $Pmn2_1$, $a = 21.5 \text{ \AA}$, $b = 11.1 \text{ \AA}$, $c = 5.0 \text{ \AA}$ ⁽¹⁾
Framework density:	20.1 T/1000 \AA^3
Channels:	[001] 10 4.5 x 5.2*



10-ring viewed along [001]

References:

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- (2) Rohrman Jr., A.C., LaPierre, R.B., Schlenker, J.L., Wood, J.D., Valyocsik, E.W., Rubin, M.K., Higgins, J.B. and Rohrbaugh, W.J. *Zeolites*, **5**, 352-354 (1985)
- (3) Marler, B., Deroche, C., Gies, H., Fyfe, C.A., Grondy, H., Kokotailo, G.T., Feng, Y., Ernst, S., Weitkamp, J. and Cox, D.E. *J. Appl. Crystallogr.*, **26**, 636-644 (1993)
- (4) Zones, S.I., Darton, R.J., Morris, R. and Hwang, S.-J. *J. Phys. Chem. B*, **109**, 652-661 (2005)
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