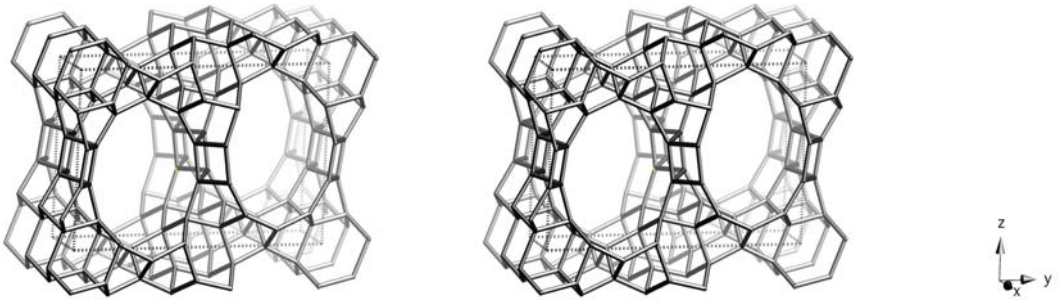
SSY

Pmmn

Framework Type Data



framework viewed along [100]

Idealized cell data: orthorhombic, *Pmmn* (origin choice 2), a = 5.3Å, b = 22.6Å, c = 14.0Å

Coordination sequences and vertex symbols:

T_1 (4,*m*..)	4	12	20	36	59	84	115	152	183	236	286	344	$5{\cdot}5{\cdot}5{\cdot}5{\cdot}6_2{\cdot}12_2$
T_2 (4,*m*..)	4	10	19	35	57	84	113	147	179	229	289	337	$4{\cdot}5{\cdot}4{\cdot}5{\cdot}6{\cdot}12_2$
T_3 (4,*m*..)	4	12	24	38	57	79	116	156	193	233	280	330	$5_2{\cdot}6_2{\cdot}6{\cdot}6_2{\cdot}6{\cdot}6_2$
T_4 (4,*m*..)	4	10	20	35	57	83	115	146	183	227	282	348	$4{\cdot}5{\cdot}4{\cdot}5{\cdot}12_2{\cdot}*$
T_5 (4,*m*..)	4	12	22	37	57	87	117	152	185	234	286	345	$5_2{\cdot}6_2{\cdot}6{\cdot}6_2{\cdot}6{\cdot}6_2$
T_6 (4,*m*..)	4	12	22	37	55	87	120	148	180	234	294	344	$5{\cdot}5{\cdot}5{\cdot}5{\cdot}6_2{\cdot}*$
T_7 (2,*mm*2)	4	12	24	44	56	78	110	158	206	234	262	336	$5{\cdot}5{\cdot}5{\cdot}5{\cdot}12_2{\cdot}*$
T_8 (2,*mm*2)	4	12	22	38	60	78	114	150	200	232	280	332	$5{\cdot}5{\cdot}5{\cdot}5{\cdot}6_2{\cdot}12_2$

Secondary building units: see *Compendium*

Composite building units:

dzc	*jbw*	*mtt*	*ton*
double zigzag chain			

Materials with this framework type:

*SSZ-60[1]

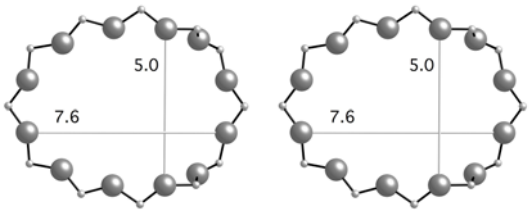
Type Material: SSZ-60 — SSY

Type Material Data

Crystal chemical data: $[B_{0.6}Si_{27.4}O_{56}]$-**SSY**
orthorhombic, *Pmn*2_1, a = 21.951Å, b = 13.698Å, c = 5.012Å [(1)]
(Space group changed to standard setting)
(Relationship to unit cell of Framework Type: $a' = b$, $b' = c$, $c' = a$)

Framework density: 18.6 T/1000Å^3

Channels: [001] **12** 5.0 x 7.6*



12-ring viewed along [001]

References:

(1) Burton, A. and Elomari, S. *Chem. Commun.*, 2618-2619 (2004)