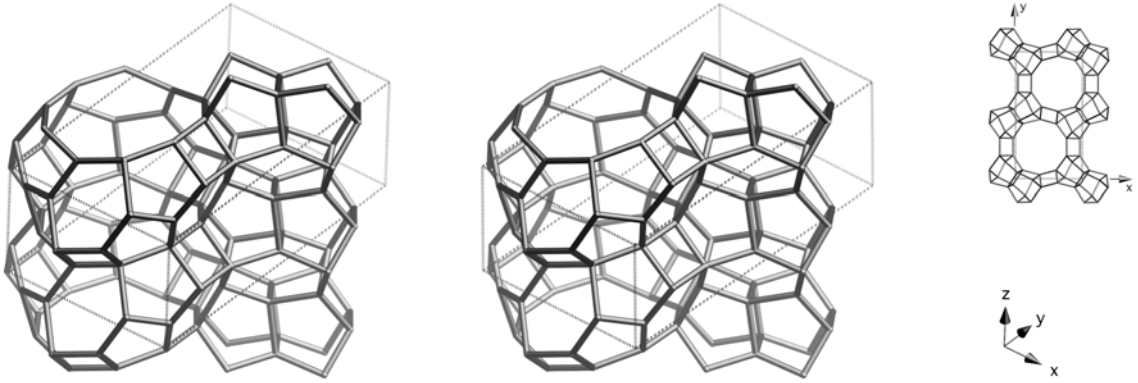
SFF

P*2$_1$/*m

Framework Type Data



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

Idealized cell data: monoclinic, $P2_1/m$, a = 11.5Å, b = 21.7Å, c = 7.2Å, β = 93.2°

Coordination sequences and vertex symbols:

T_1 (4,1)	4	12	20	34	56	87	115	143	176	224	$5{\cdot}5_2{\cdot}5{\cdot}6{\cdot}5{\cdot}6$
T_2 (4,1)	4	12	20	34	56	88	115	142	177	225	$5{\cdot}5_2{\cdot}5{\cdot}6{\cdot}5{\cdot}6$
T_3 (4,1)	4	11	22	38	57	80	111	148	189	228	4·5·5·6·5·10
T_4 (4,1)	4	11	22	39	54	84	110	145	189	234	4·5·5·6·5·10
T_5 (4,1)	4	11	23	37	57	82	113	150	184	228	4·5·5·6·5·10
T_6 (4,1)	4	11	20	31	58	86	115	142	174	225	$4{\cdot}6_2{\cdot}5{\cdot}5{\cdot}5{\cdot}5$
T_7 (4,1)	4	11	19	36	55	82	113	148	181	220	4·6·5·5·5·5
T_8 (4,1)	4	11	23	36	59	79	114	147	183	229	4·5·5·6·5·10

Secondary building units: 5-3

Composite building units:

cas *stf*

Materials with this framework type:

*SSZ-44[1]

STF-**SFF** structural intermediates[2]

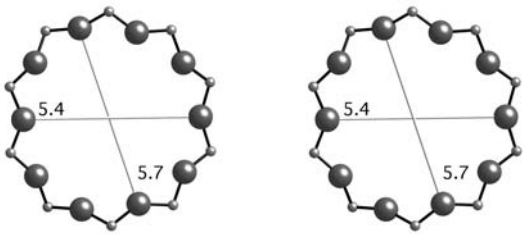
Type Material: SSZ-44 — SFF

Type Material Data

Crystal chemical data: $[Si_{32}O_{64}]$-**SFF**
monoclinic, $P2_1/m$
a = 11.485 Å, b = 21.946Å, c = 7.388Å, β = 94.70° (1)

Framework density: 17.2 T/1000Å^3

Channels: [001] **10** 5.4 x 5.7*



10-ring viewed along [001]

References:

(1) Wagner, P., Zones, S.I., Davis, M.E. and Medrud, R.C. *Angew. Chem., Int. Ed.*, **38**, 1269-1272 (1999)
(2) Villaescusa, L.A., Zhou, W., Morris, R.E. and Barrett, P.A. *J. Mater. Chem.*, **14**, 1982-1987 (2004)