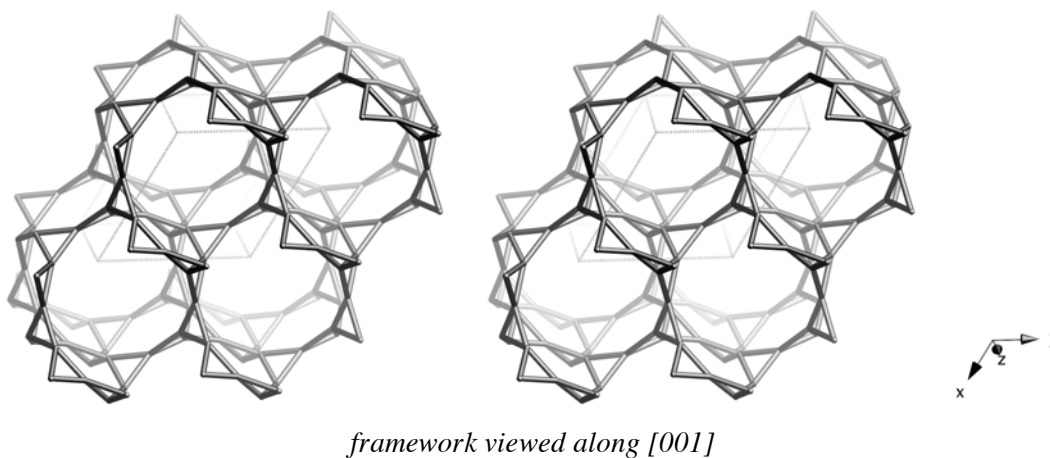


Framework Type Data



Idealized cell data: hexagonal, $P6_222$, $a = 10.1 \text{ \AA}$, $c = 7.6 \text{ \AA}$

Coordination sequences and vertex symbols:

$T_1(6,2)$	4	8	16	29	46	70	101	118	162	190	$3\cdot3\cdot8\cdot8\cdot14_{10}$
$T_2(3,222)$	4	8	16	30	44	76	92	130	148	202	$3\cdot3\cdot8\cdot8\cdot14_7\cdot14_7$

Secondary building units: see *Compendium*

Composite building units:

lov

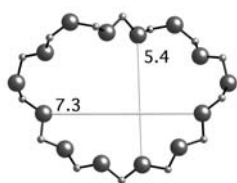


Materials with this framework type:

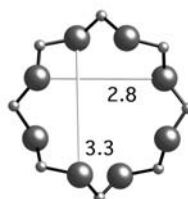
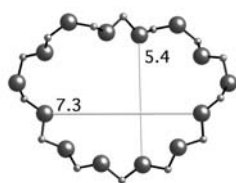
*OSB-1^(1,2)

Type Material Data

Crystal chemical data:	$[\text{K}_6(\text{H}_2\text{O})_9][\text{Be}_3\text{Si}_6\text{O}_{18}]\text{-OSO}$ trigonal, $P3_2$, $a = 10.093\text{\AA}$, $c = 7.626\text{\AA}$ ⁽¹⁾
Framework density:	13.4 T/1000 \AA^3
Channels:	[001] 14 5.4 x 7.3* \leftrightarrow \perp [001] 8 2.8 x 3.3**



puckered 14-ring viewed along [001]



8-ring viewed normal to [001]

References:

- (1) Kongshaug, K.O., Fjellvåg, H., Lillerud, K.P., Gier, T.E., Stucky, G.D. and Cheetham, A.K. *private communication*
- (2) Cheetham, A.K., Fjellvåg, H., Gier, T.E., Kongshaug, K.O., Lillerud, K.P. and Stucky, G.D. *Stud. Surf. Sci. Catal.*, **135**, 158 (2001)