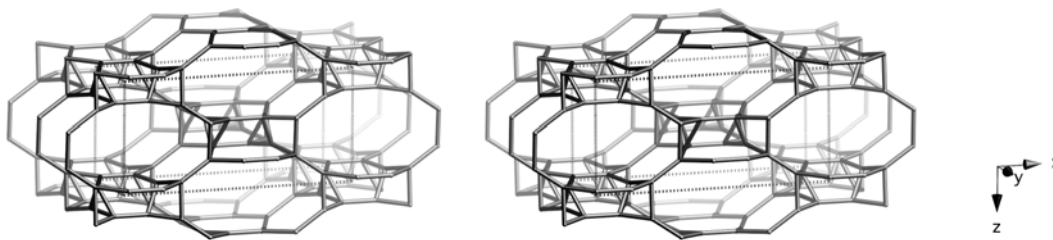


Framework Type Data



framework viewed along [010]

Idealized cell data: orthorhombic, $Pmna$, $a = 20.4\text{\AA}$, $b = 7.1\text{\AA}$, $c = 9.7\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(8,1)$	4	10	19	31	47	71	97	124	153	187	231	278	$4\cdot 8\cdot 4\cdot 8\cdot 8_4\cdot 12$
$T_2(8,1)$	4	8	15	27	46	70	93	116	151	197	235	265	$3\cdot 8_7\cdot 4\cdot 6_2\cdot 6_2\cdot 8$
$T_3(8,1)$	4	7	15	27	41	68	93	119	146	192	230	268	$3\cdot 4\cdot 3\cdot 8_2\cdot 6_2\cdot *$

Secondary building units: 4-2

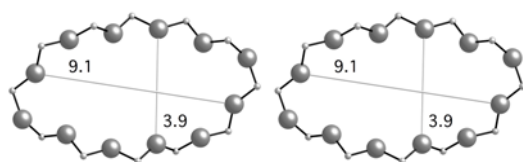
Materials with this framework type:

*SU-16⁽¹⁾
FJ-17⁽²⁾

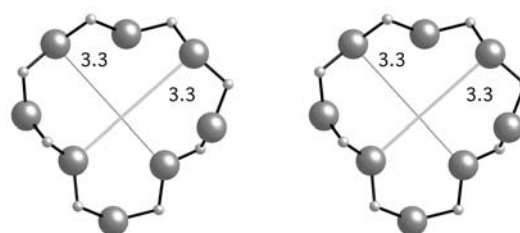
Type Material: SU-16

Type Material Data

Crystal chemical data:	$\text{[(C}_4\text{H}_{15}\text{N}_3)_4\text{] [B}_8\text{Ge}_{16}\text{O}_{48}\text{]-SOS}$ $\text{C}_4\text{H}_{13}\text{N}_3 = \text{diethylenetriamine}$ monoclinic, $P2_1/c$ $a = 6.936\text{\AA}$, $b = 10.493\text{\AA}$, $c = 20.448\text{\AA}$, $\beta = 90.09^\circ$ ⁽¹⁾
Stability:	Unstable to removal of template ⁽¹⁾
Framework density:	16.1 T/1000 \AA^3
Channels:	{[100] 12 3.9 x 9.1 \leftrightarrow [010] 8 3.3 x 3.3} ^{**}



12-ring viewed along [100]



8-ring viewed along [010]

References:

- (1) Li, Y. and Zou, X. *Angew. Chem., Int. Ed.*, **44**, 2012-2015 (2005)
- (2) Zhang, H.-X., Zhang, J., Zheng, S.-T. and Yang, G.-Y. *Inorg. Chem.*, **44**, 1166-1168 (2005)