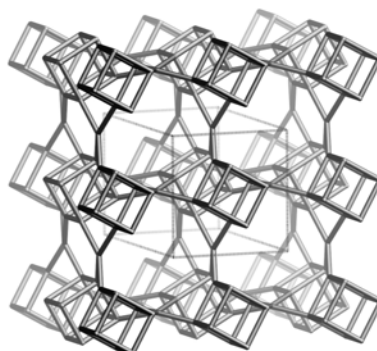
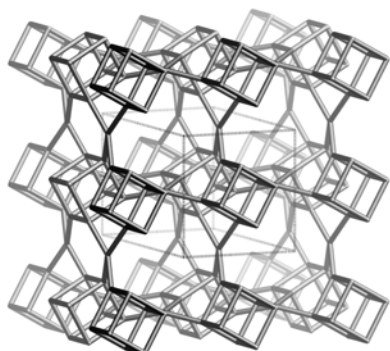


Framework Type Data



framework viewed along [001]

Idealized cell data: tetragonal, $P4/mcc$, $a = 8.7 \text{ \AA}$, $c = 13.9 \text{ \AA}$

Coordination sequences and vertex symbols:

$T_1(16,1)$	4	9	19	35	52	72	100	131	163	201
$T_2(4,222)$	4	12	18	26	52	84	100	118	162	210

4·6·4·6·4·6
6·6·6₂·6₂·12₈·12₈

Secondary building units: 4-1

Composite building units:

$d4r$

lau

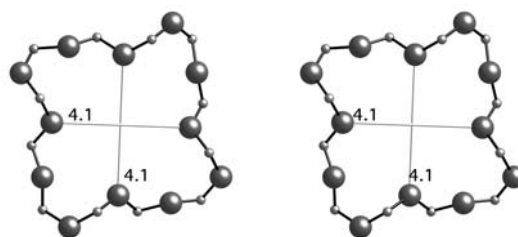


Materials with this framework type:

*ASU-7⁽¹⁾

Type Material Data

Crystal chemical data:	$[(C_2H_7N)_2(H_2O)_2] [Ge_{20}O_{40}]$ -ASV C ₂ H ₇ N = dimethylamine tetragonal, $P4/mcc$, $a = 8.780\text{\AA}$, $c = 14.470\text{\AA}$ ⁽¹⁾
Framework density:	17.9 T/1000Å ³
Channels:	[001] 12 4.1x 4.1*



12-ring along [001]

References:

- (1) Li, H. and Yaghi, O.M. *J. Am. Chem. Soc.*, **120**, 10569-10570 (1998)