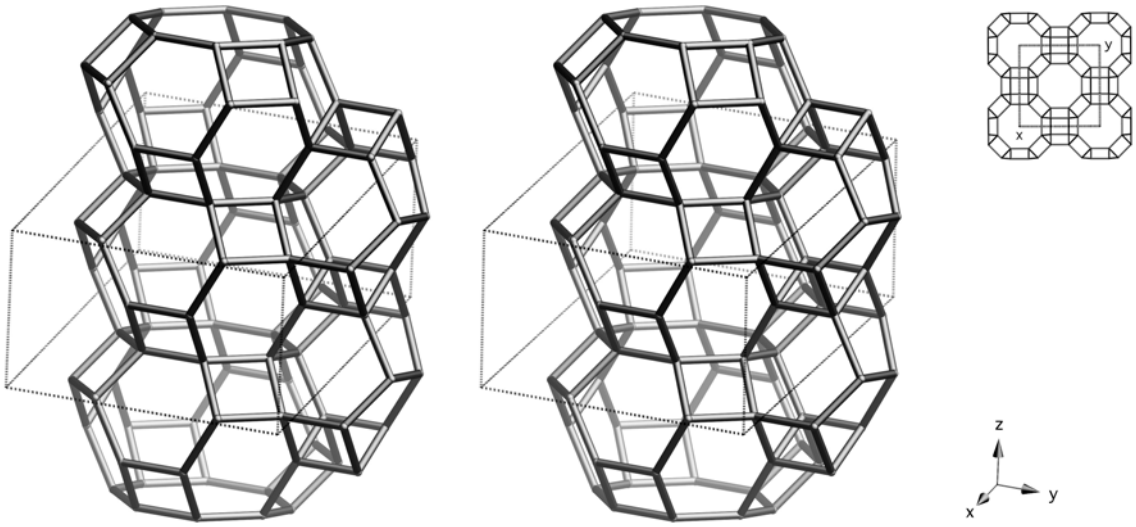
RTE *C2/m*

Framework Type Data



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

Idealized cell data: monoclinic, *C*2/*m*, *a* = 14.1Å, *b* = 13.7Å, *c* = 7.4Å, β = 102.4°

Coordination sequences and vertex symbols:

T_1 (8,1)	4	10	19	33	56	81	105	136	175	219	4·5·4·6·5·6
T_2 (8,1)	4	10	22	37	54	79	108	140	176	215	4·4·5·8·6·6
T_3 (8,1)	4	11	21	35	57	80	106	139	176	218	4·5·5·6·6·8

Secondary building units: 6 or 5-1

Composite building units:

rte

Materials with this framework type:

*RUB-3[1,2]

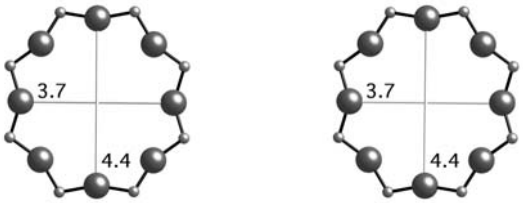
Type Material: RUB-3 RTE

Type Material Data

Crystal chemical data: | $(C_8H_{15}N)_2$| $[Si_{24}O_{48}]$-**RTE**
$C_8H_{15}N$ = exo-2-aminobicyclo[2.2.1.]heptane
monoclinic, *C*2/*m*
a = 14.039Å, *b* = 13.602Å, *c* = 7.428Å, β = 102.22° (1)

Framework density: 17.3 T/1000Å^3

Channels: [001] **8** 3.7 x 4.4*



8-ring viewed along [001]

References:

(1) Marler, B., Grünewald-Luke, A. and Gies, H. *Zeolites*, **15**, 388-399 (1995)
(2) Marler, B., Grünewald-Lüke, A. and Gies, H. *Microporous Mesoporous Mat.*, **26**, 49-59 (1998)