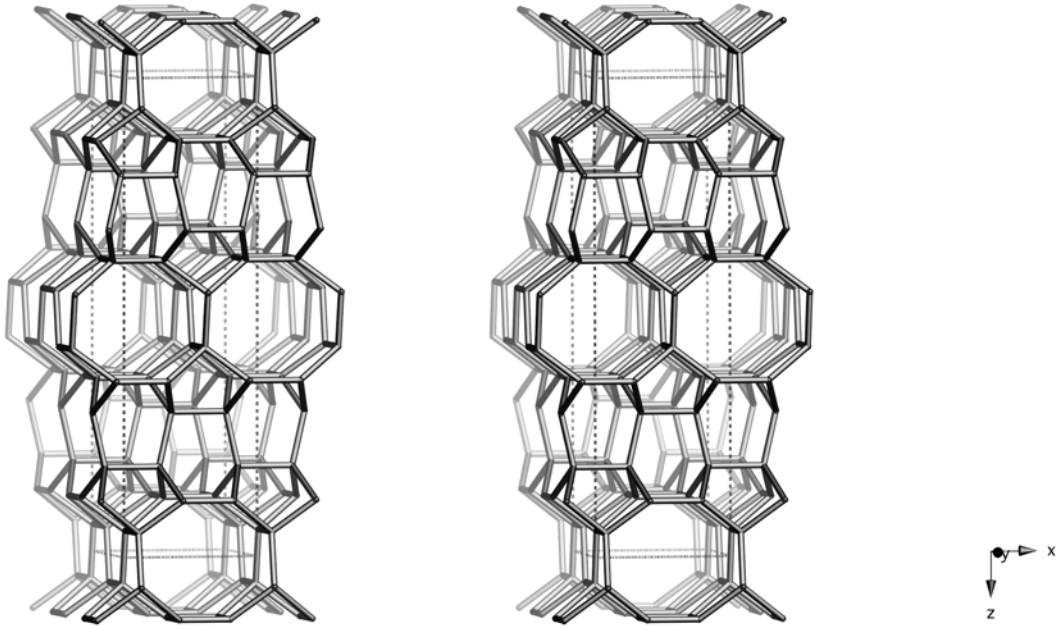
RWR

I*4$_1$/*amd

Framework Type Data



framework viewed along [010]

Idealized cell data: tetragonal, *I*4$_1$/*amd* (origin choice 2), a = 7.8Å, c = 27.3Å

Coordination sequences and vertex symbols:

T_1 (16,.*m*.)	4	12	24	42	68	97	133	180	221	277	334	394	$5{\cdot}6{\cdot}5{\cdot}6{\cdot}5{\cdot}6_2$
T_2 (16,..2)	4	11	23	42	66	94	133	173	218	280	328	393	$4{\cdot}5_2{\cdot}6_2{\cdot}6_2{\cdot}8{\cdot}8$

Secondary building units: 6-2

Composite building units:

mor

Materials with this framework type:

*RUB-24[1,2]

Type Material: RUB-24 — RWR

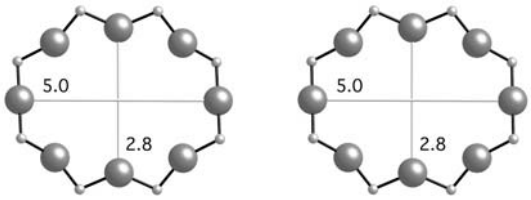
Type Material Data

Crystal chemical data: $[Si_{32}O_{64}]$-**RWR**
tetragonal, $I4_1/amd$, a = 7.6677Å, c = 27.0625Å (2)

Stability: stable at 900ºC ()

Framework density: 20.1 T/1000Å^3

Channels: [100] **8** 2.8 x 5.0* || [010] **8** 2.8 x 5.0*
(nonintersecting 1-d 8-ring channels)



8-ring viewed along <100>

References:
(1) Marler, B., Ströter, N. and Gies, H. Recent Research Reports, 14th IZC, Cape Town, South Africa, 15-16 (2004)
(2) Marler, B., Ströter, N. and Gies, H. Microporous Mesoporous Mat., **83**, 201-211 (2005)