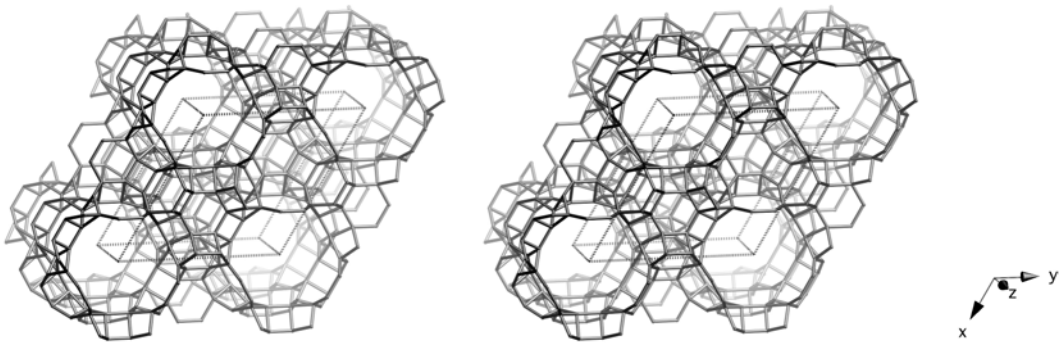
ETR

$P6_3mc$

Framework Type Data



framework viewed along [001]

Idealized cell data: hexagonal, $P6_3mc$, a = 20.6Å, c = 8.4Å

Coordination sequences and vertex symbols:

T_1 (12,1)	4	9	18	31	45	63	86	111	140	172	210	253	$4{\cdot}4{\cdot}4{\cdot}8{\cdot}8_4{\cdot}10_3$
T_2 (12,1)	4	9	17	28	41	57	80	113	151	189	226	260	$4{\cdot}4{\cdot}4{\cdot}6{\cdot}8{\cdot}8_6$
T_3 (12,1)	4	9	17	28	43	62	83	109	138	170	214	255	$4{\cdot}4{\cdot}4{\cdot}8_2{\cdot}6{\cdot}10_4$
T_4 (12,1)	4	9	16	25	39	58	80	107	143	185	220	254	$4{\cdot}4{\cdot}4{\cdot}6{\cdot}6{\cdot}8$

Secondary building units: 4

Materials with this framework type:

*ECR-34[1]

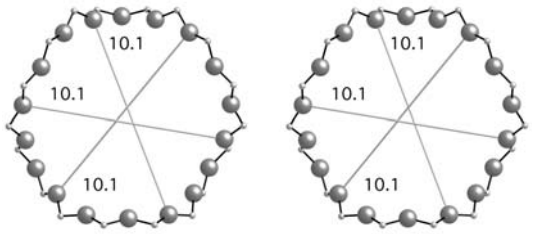
Type Material: ECR-34 **ETR**

Type Material Data

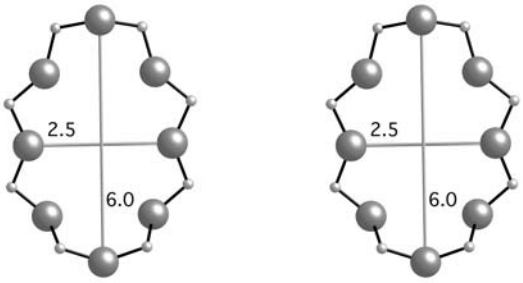
Crystal chemical data: $|H_{1.2}K_{6.3}Na_{4.4}|$ **[**$Ga_{11.6}Al_{0.3}Si_{36.1}O_{96}$**]-ETR**
hexagonal, $P6_3mc$, a = 21.030 Å, c = 8.530 Å [1]

Framework density: 14.7 T/1000Å^3

Channels: [001] **18** 10.1* ↔ ⊥ [001] **8** 2.5 x6.0**



18-ring viewed along [001]



8-ring viewed normal to [001]

References:
(1) Strohmaier, K. G. and Vaughan, D.E.W. *J. Am. Chem. Soc.*, **125**, 16035-16039 (2003)