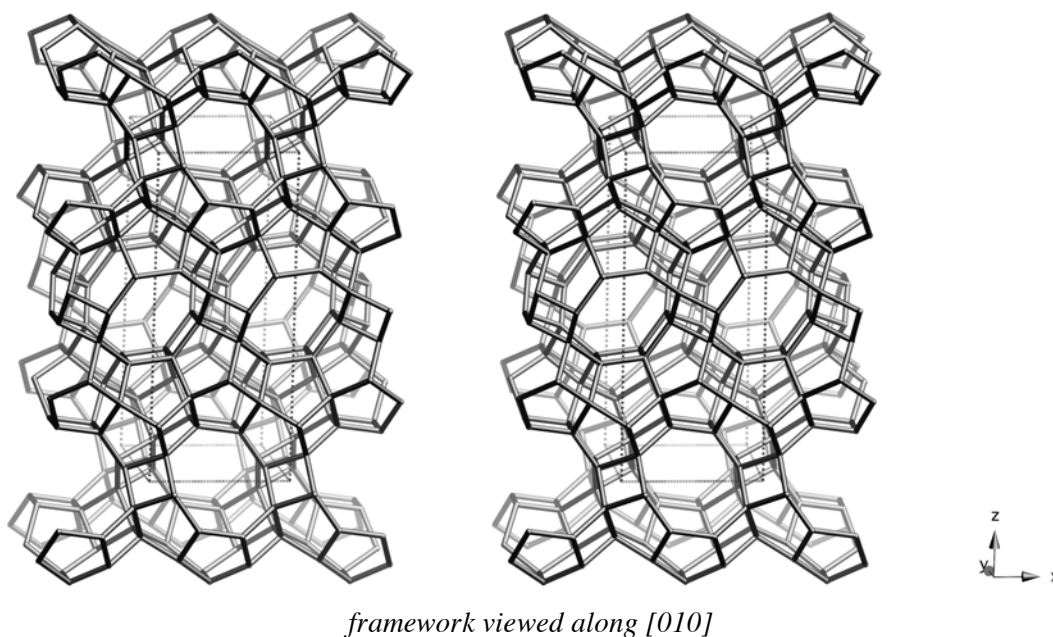


Framework Type Data



Idealized cell data: orthorhombic, *Pnma*, $a = 9.7\text{\AA}$, $b = 12.2\text{\AA}$, $c = 22.8\text{\AA}$

Coordination sequences and vertex symbols:

T ₁ (8,1)	4	10	20	35	56	82	111	143	180	228	4-5-4-5-6-8
T ₂ (8,1)	4	10	20	36	58	82	109	144	186	230	4-4-5-6-6-8
T ₃ (8,1)	4	10	21	36	57	82	111	145	183	231	4-4-5-8-6-6
T ₄ (8,1)	4	10	21	36	56	82	113	145	180	224	4-4-5-6-6-8
T ₅ (8,1)	4	11	22	36	56	78	110	148	184	225	4-6-5-6-5-6
T ₆ (8,1)	4	11	20	37	54	82	112	142	182	226	4-5-5-5-6-6

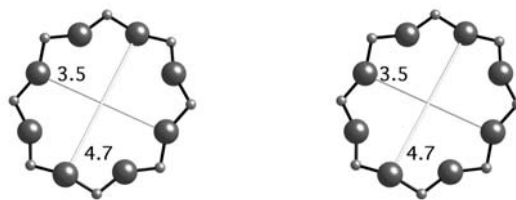
Secondary building units: 5-1

Materials with this framework type:

*ERS-7⁽¹⁻³⁾

Type Material Data

Crystal chemical data:	$\text{H}_{5.06}\text{Na}_{0.07}\text{I}[\text{Al}_{5.13}\text{Si}_{42.87}\text{O}_{96}]\text{-ESV}$ orthorhombic, <i>Pnma</i> , $a = 9.800 \text{ \AA}$, $b = 12.412 \text{ \AA}$, $c = 22.861 \text{ \AA}$ ⁽²⁾
Framework density:	17.3 T/1000 \AA^3
Channels:	[010] 8 3.5 x 4.7*



8-ring viewed along [010]

References:

- (1) Campbell, B.J., Bellussi, G., Carluccio, L., Perego, G., Cheetham, A.K., Cox, D.E. and Millini, R. *Chem. Commun.*, 1725-1726 (1998)
- (2) Millini, R., Perego, G., Carluccio, L., Bellussi, G., Cox, D.E., Campbell, B.J. and Cheetham, A.K. *Proc. 12th Int. Zeolite Conf.*, **I**, pp. 541-548 (1999)
- (3) Campbell, B.J., Cheetham, A.K., Vogt, T., Carluccio, L., Parker, W.O., Flego, C. and Millini, R. *J. Phys. Chem. B*, **105**, 1947-1955 (2001)