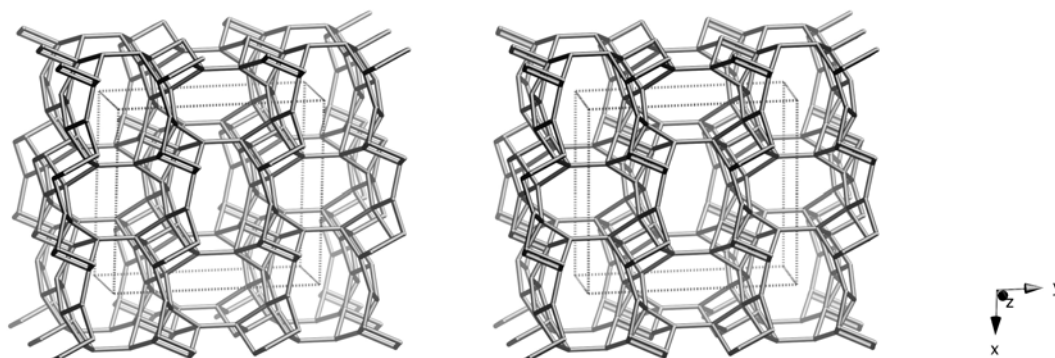


## Framework Type Data



framework viewed along [001]

**Idealized cell data:** monoclinic,  $C2/m$ ,  $a = 15.5\text{\AA}$ ,  $b = 16.9\text{\AA}$ ,  $c = 7.3\text{\AA}$ ,  $\beta = 96.1^\circ$

**Coordination sequences and vertex symbols:**

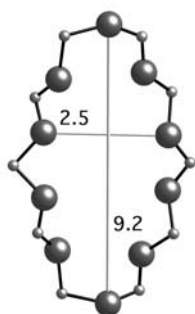
$T_1(8,1)$	4	11	22	34	50	76	111	142	165	199	$4\cdot 8\cdot 6_3\cdot 8\cdot 6_3\cdot 8$
$T_2(8,1)$	4	10	19	33	55	79	100	129	172	216	$4\cdot 6\cdot 4\cdot 6_2\cdot 6\cdot 6$
$T_3(8,1)$	4	9	18	34	55	76	97	131	177	217	$4\cdot 4\cdot 4\cdot 6\cdot 6\cdot 6_2$
$T_4(8,1)$	4	9	18	34	55	75	98	133	177	216	$4\cdot 6_3\cdot 4\cdot 6_3\cdot 4\cdot 8$
$T_5(4,2)$	4	10	18	32	58	80	96	124	176	228	$4\cdot 4\cdot 6_2\cdot 6_2\cdot 10\cdot 10$

**Secondary building units:** see *Compendium*

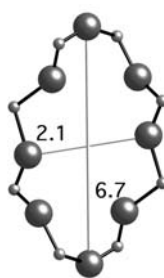
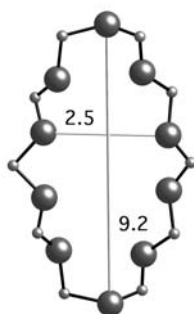
**Composite building units:***mei**bog***Materials with this framework type:**\*Co-Ga-Phosphate-5<sup>(1)</sup>[Zn-Ga-P-O]-CGF<sup>(2)</sup>

## Type Material Data

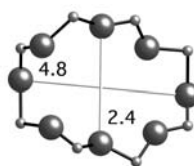
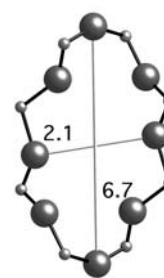
<b>Crystal chemical data:</b>	$[(C_6H_{14}N_2)_2] [Co_4Ga_5P_9O_{36}]$ -CGF $C_6H_{12}N_2 =$ DABCO monoclinic, $I2/a$ $a = 15.002\text{\AA}$ , $b = 17.688\text{\AA}$ , $c = 15.751\text{\AA}$ , $\beta = 97.24^\circ$ <sup>(1)</sup> (Relationship to unit cell of Framework Type: $a' = 2c$ , $b' = b$ , $c' = a$ )
<b>Framework density:</b>	17.4 T/1000 $\text{\AA}^3$
<b>Channels:</b>	$\{[100] \mathbf{10} \ 2.5 \times 9.2^* + \mathbf{8} \ 2.1 \times 6.7^*\} \leftrightarrow [001] \mathbf{8} \ 2.4 \times 4.8^*$



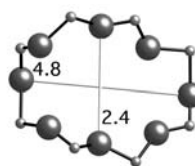
10-ring viewed along [100]



8-ring viewed along [100]



8-ring viewed along [001]



## References:

- (1) Chippindale, A.M. and Cowley, A.R. *Zeolites*, **18**, 176-181 (1997)
- (2) Cowley, A.R., Jones, R.H., Teat, S.J. and Chippindale, A.M. *Microporous Mesoporous Mat.*, **51**, 51-64 (2002)