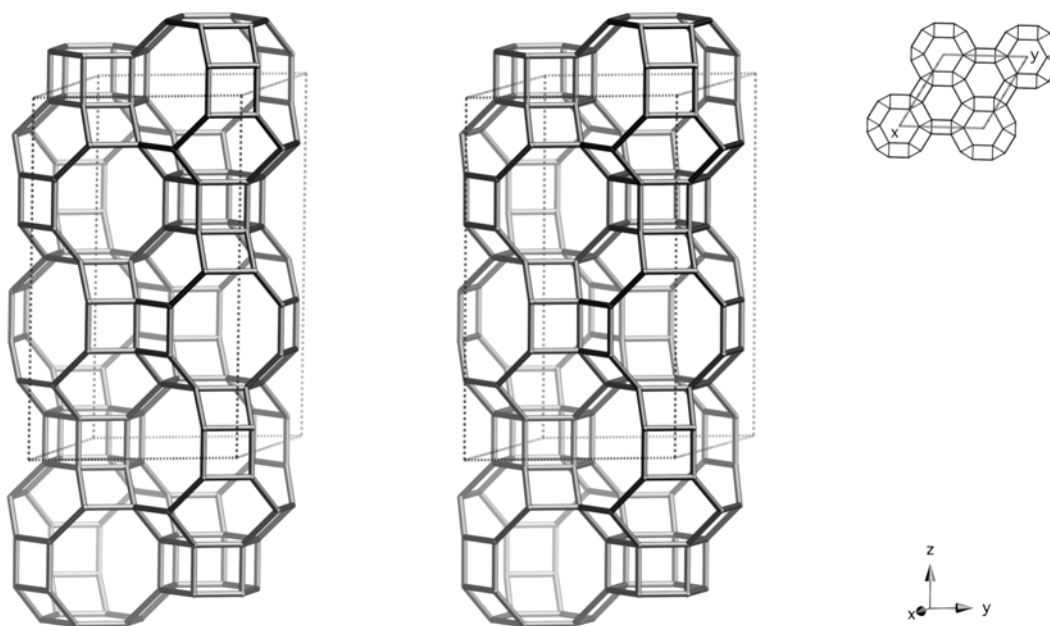


Framework Type Data



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

Idealized cell data: trigonal, $R\bar{3}m$, $a = 13.2\text{\AA}$, $c = 22.6\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(36,1)$	4	9	17	30	49	71	92	114	143	183	4-4-4-6-6-8
$T_2(18,2)$	4	10	20	32	46	64	90	124	156	184	4-4-6-6-8-8

Secondary building units: 6

Framework description: AABCCABBC sequence of 6-rings

Composite building units:

$d6r$



Materials with this framework type:

*Levyne^(1,2)

AlPO-35⁽³⁾

CoDAF-4⁽⁴⁾

LZ-132⁽⁵⁾

NU-3⁽⁶⁾

RUB-1 ([B-Si-O]-LEV)⁽⁷⁾

SAPO-35⁽⁸⁾

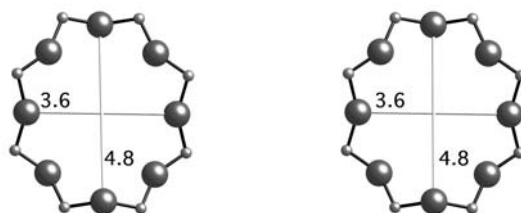
ZK-20⁽⁹⁾

ZnAPO-35⁽¹⁰⁾

Type Material: Levyne

Type Material Data

Crystal chemical data:	$[\text{Ca}_9 (\text{H}_2\text{O})_{50}] [\text{Al}_{18}\text{Si}_{36}\text{O}_{108}]$ -LEV trigonal, $R\bar{3}m$, $a = 13.338\text{\AA}$, $c = 23.014\text{\AA}$ ⁽²⁾
Framework density:	15.2 T/1000 \AA^3
Channels:	$\perp [001]$ 8 3.6 x 4.8**



8-ring viewed normal to [001]

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