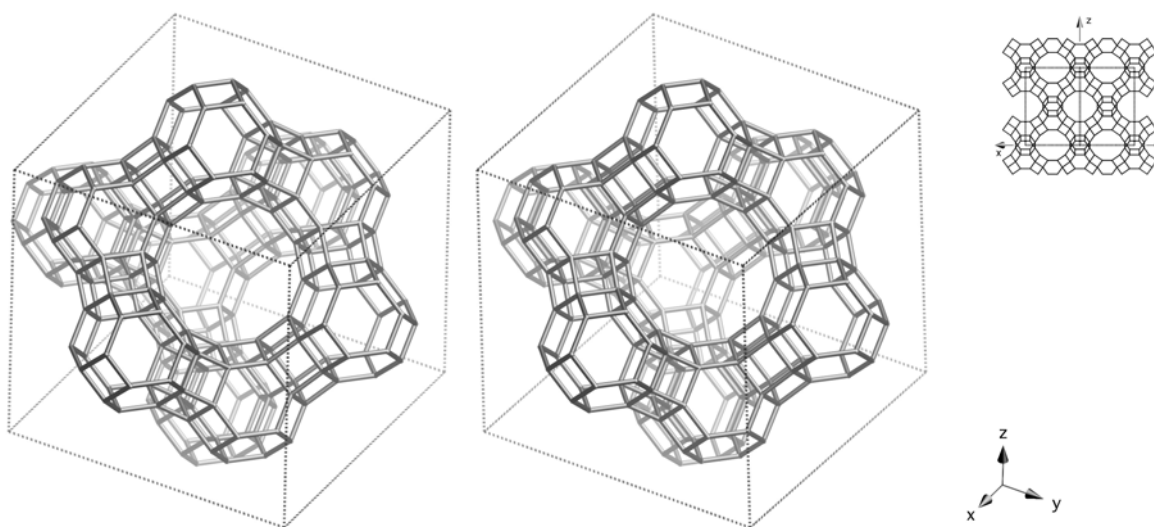


## Framework Type Data



framework viewed along  $[111]$  (upper right: projection down  $[110]$ )

**Idealized cell data:** cubic,  $Fd\bar{3}m$  (origin choice 2),  $a = 24.3\text{\AA}$

**Coordination sequences and vertex symbols:**

$T_1(192,1)$  4 9 16 25 37 53 73 96 120 145

4-4-4-6-6-12

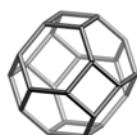
**Secondary building units:** 6-6 or 6-2 or 6 or 4-2 or 1-4-1 or 4

**Composite building units:**

*d6r*



*sod*



**Materials with this framework type:**

\*Faujasite<sup>(1,2)</sup>

[Al-Ge-O]-FAU<sup>(3,4)</sup>

[Co-Al-P-O]-FAU<sup>(5)</sup>

[Ga-Al-Si-O]-FAU<sup>(6)</sup>

[Ga-Ge-O]-FAU<sup>(3)</sup>

[Ga-Si-O]-FAU<sup>(7)</sup>

Beryllphosphate X<sup>(8,9)</sup>

Dehydrated Na-X<sup>(10)</sup>

Dehydrated US-Y<sup>(11)</sup>

LZ-210<sup>(12)</sup>

Li-LSX<sup>(13)</sup>

SAPO-37<sup>(14)</sup>

Siliceous Na-Y<sup>(15)</sup>

Zeolite X (Linde X)<sup>(16,17)</sup>

Zeolite Y (Linde Y)<sup>(18,19)</sup>

Zincophosphate X<sup>(9)</sup>

**EMT-FAU structural intermediates:**

CSZ-1<sup>(20)</sup>

ECR-30<sup>(21)</sup>

ZSM-20<sup>(22)</sup>

ZSM-3<sup>(23)</sup>

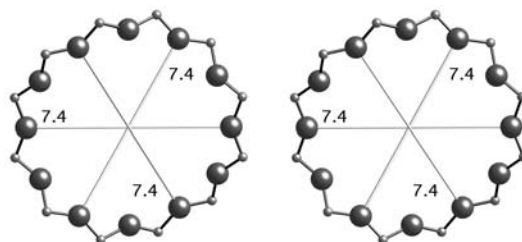
## Type Material: Faujasite

## Type Material Data

**Crystal chemical data:**  $[(Ca,MgNa_2)_{29}(H_2O)_{240}][Al_{58}Si_{134}O_{384}]$ -FAU  
cubic,  $Fd\bar{3}m$ ,  $a = 24.74\text{\AA}$  <sup>(2)</sup>

**Framework density:** 12.7 T/1000 $\text{\AA}^3$

**Channels:**  $\langle 111 \rangle$  12 7.4 x 7.4\*\*\*



12-ring viewed along  $\langle 111 \rangle$

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