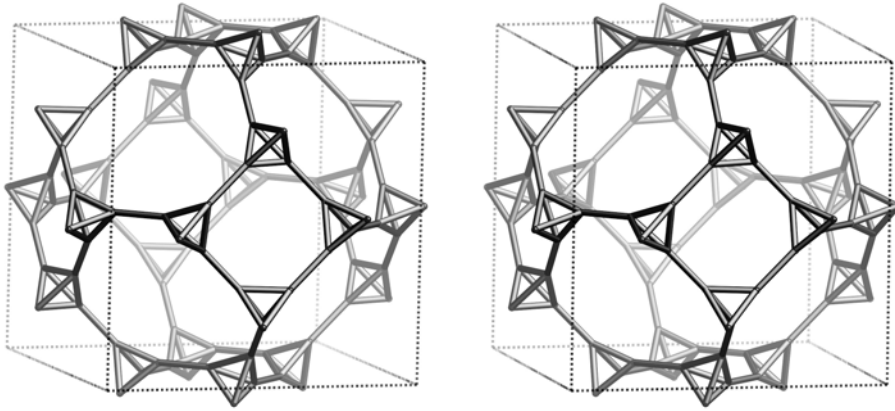


Framework Type Data



framework viewed along [100]

Idealized cell data: cubic, $Im\bar{3}m$, $a = 18.5\text{\AA}$

Coordination sequences and vertex symbols:

$T_1(48,m)$ 4 6 12 17 28 38 52 64 84 104 124 143 3·8·3·12·3·12

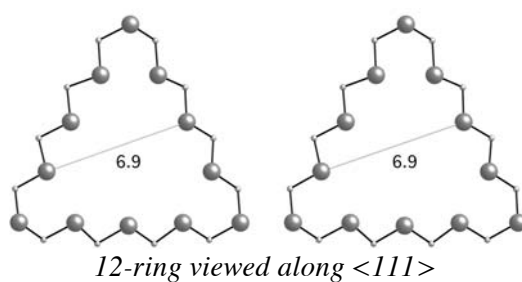
Secondary building units: 8 or 3*1

Materials with this framework type:

*UCR-20⁽¹⁾

Type Material Data

Crystal chemical data:	$[(C_6H_{18}N_4)_{16}] [Ga_{32}Ge_{16}S_{96}]$ -RWY $C_6H_{18}N_4 = TAEA = \text{tris}(2\text{-aminoethyl})\text{amine}$ cubic, $I\bar{4}3m$, $a = 20.9352\text{\AA}$ ⁽¹⁾
Stability:	Stable when heated in air at 300°C for 1h (ca 20% weight loss) or at 380°C in argon ⁽¹⁾
Framework density:	5.2 T/1000Å ³
Channels:	$\langle 111 \rangle$ 12 6.9 x 6.9***

**References:**

- (1) Zheng, N., Bu, X., Wang, B. and Feng, P. *Science*, **298**, 2366-2369 (2002)