

-IRY $P6_3/mmc$

$$2[3.5^3]+[3^2.4^3]+3[4^6]+2[4^3.5^6.6]+[15^2.16^3]+[4^6.5^6.15^2]+[4^9.5^{12}.6^2.16^3]$$

5 10 11 7

TILES

Face symbol:

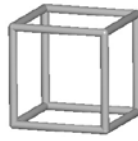
$[3.5^3]$

$[3^2.4^3]$

$[4^6]$

$[4^3.5^6.6]$

$[15^2.16^3]$



V, E, F:

(7, 9, 4)

(6, 9, 5)

(8, 12, 6)

(16, 24, 10)

(36, 39, 5)

Symmetry:

$3m.$

$\bar{6}m2$

$.2/m.$

$3m.$

$\bar{6}m2$

Wyckoff:

$4f$

$2c$

$6g$

$4f$

$2b$

Label:

t-znb



t-irr-1*



t-cub



t-det



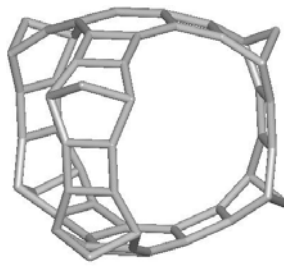
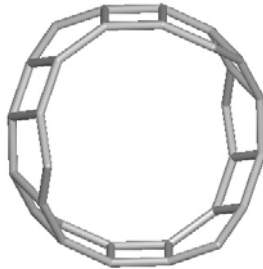
t-iry-1*



Face symbol:

$[4^6.5^6.15^2]$

$[4^9.5^{12}.6^2.16^3]$



V, E, F:

(30, 42, 14)

(56, 80, 26)

Symmetry:

$\bar{3}m.$

$\bar{6}m2$

Wyckoff:

$2a$

$2d$

Label:

t-iry-2*



t-iry-3*



Special features: *two-face edges; modified natural tiling*

TILING

