

SG No. 80 $C_4^6 I4_1$ [tetragonal]

* plus set: $+ [0, 0, 0], + [\frac{1}{2}, \frac{1}{2}, \frac{1}{2}]$

Table 1: Wyckoff site: 4a, site symmetry: 2..

No.	position	mapping
1	$[0, 0, z]$	[1,2]
2	$[0, \frac{1}{2}, z + \frac{1}{4}]$	[3,4]

Table 2: Wyckoff site: 8b, site symmetry: 1

No.	position	mapping
1	$[x, y, z]$	[1]
2	$[\frac{1}{2} - x, \frac{1}{2} - y, z + \frac{1}{2}]$	[2]
3	$[-y, x + \frac{1}{2}, z + \frac{1}{4}]$	[3]
4	$[y + \frac{1}{2}, -x, z + \frac{3}{4}]$	[4]