

MSG No. 36.175 $Cmc'2'_1$ [Type III, orthorhombic]

Table 1: Wyckoff site: **4a**, site symmetry: $m..$

No.	position	mapping
1	$[0, y, z]$	$[1, 2]$
2	$[0, -y, z + \frac{1}{2}]$	$[3, 4]$
3	$[\frac{1}{2}, y + \frac{1}{2}, z]$	$[5, 6]$
4	$[\frac{1}{2}, \frac{1}{2} - y, z + \frac{1}{2}]$	$[7, 8]$

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

No.	position	mapping
1	$[x, y, z]$	$[1]$
2	$[-x, y, z]$	$[2]$
3	$[-x, -y, z + \frac{1}{2}]$	$[3]$
4	$[x, -y, z + \frac{1}{2}]$	$[4]$
5	$[x + \frac{1}{2}, y + \frac{1}{2}, z]$	$[5]$
6	$[\frac{1}{2} - x, y + \frac{1}{2}, z]$	$[6]$
7	$[\frac{1}{2} - x, \frac{1}{2} - y, z + \frac{1}{2}]$	$[7]$
8	$[x + \frac{1}{2}, \frac{1}{2} - y, z + \frac{1}{2}]$	$[8]$