

$\bar{p}1m1$

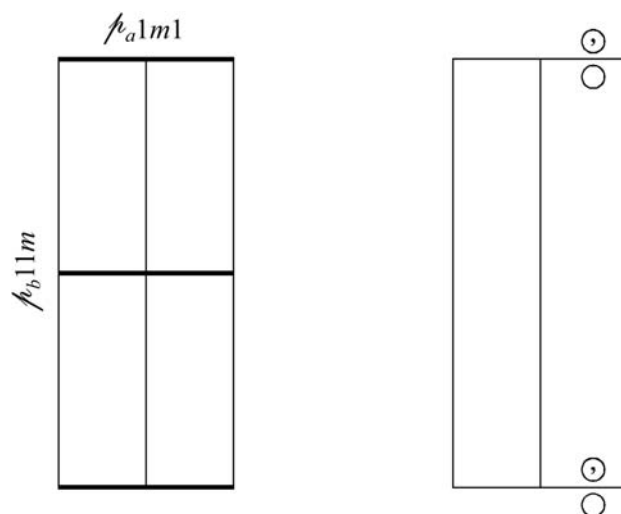
$m$

Rectangular

No. 3

$\bar{p}1m1$

Patterson symmetry  $\bar{p}2mm$



Origin on  $m$

Asymmetric unit  $0 \leq x \leq \frac{1}{2}$

Symmetry operations

(1) 1 (2)  $m$   $0,y$

Generators selected (1);  $t(1)$ ; (2)

Positions

Multiplicity,  
Wyckoff letter,  
Site symmetry

Coordinates

Reflection conditions

2  $c$  1 (1)  $x,y$  (2)  $\bar{x},y$

General:

no conditions

Special: no extra conditions

1  $b$  .  $m$  .  $\frac{1}{2},y$

1  $a$  .  $m$  .  $0,y$

Symmetry of special projections

Along  $[10]$  1

Origin at  $x,0$

Along  $[01]$   $\bar{p}m$

$\mathbf{a}' = \mathbf{a}$

Origin at  $0,y$

Maximal non-isotypic subgroups

I  $[2]\bar{p}1(1)$  1

IIa none

IIb none

Maximal isotypic subgroups of lowest index

IIc  $[2]\bar{p}1m1$  ( $\mathbf{a}' = 2\mathbf{a}$ ) (3)

Minimal non-isotypic supergroups

I  $[2]\bar{p}2mm$  (6);  $[2]\bar{p}2mg$  (7)

II none