

$\mu m 1 1$

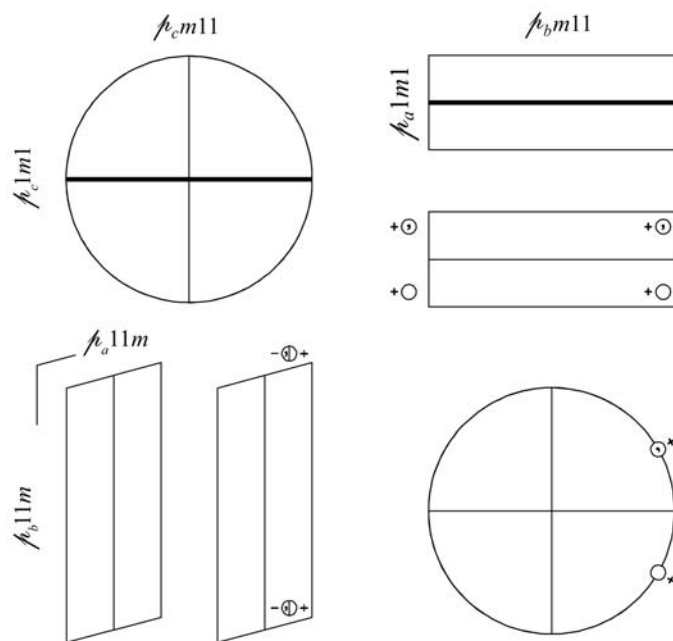
m

Monoclinic/Oblique

No. 4

$\mu m 1 1$

Patterson symmetry $\mu 2/m 1 1$



Origin on mirror plane m

Asymmetric unit $0 \leq x; 0 \leq z \leq 1$

Symmetry operations

- (1) 1 $(1|0,0,0)$ (2) m $0,y,z$ $(m_x|0,0,0)$

Generators selected (1); $t(0,0,1)$; (2)

Positions

Multiplicity, Wyckoff letter, Site symmetry	Coordinates	Reflection conditions
2 b 1	(1) x, y, z (2) \bar{x}, y, z	General: no conditions Special: no extra conditions
1 a m	$0, y, z$	

Symmetry of special projections

Along [001] $1 m 1$	Along [100] $\mu 1 1 1$ $\mathbf{a}' = \mathbf{c}$ Origin at $0, 0, z$	Along [010] $\mu 1 1 m$ $\mathbf{a}' = \mathbf{c}_p$ Origin at $0, y, 0$
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Maximal non-isotypic non-enantiomorphic subgroups

- I** $[2] \mu 1 (1) 1$
IIa none
IIb $[2] \mu c 1 1 (\mathbf{c}' = 2\mathbf{c}) (5)$

Maximal isotypic subgroups and enantiomorphic subgroups of lowest index

- IIc** $[2] \mu m 1 1 (\mathbf{c}' = 2\mathbf{c}) (4)$

Minimal non-isotypic non-enantiomorphic supergroups

- I** $[2] \mu 2/m 1 1 (6)$; $[2] \mu m m 2 (15)$; $[2] \mu m c 2_1 (17)$; $[2] \mu 2 m m (18)$; $[3] \mu 3 m 1 (49)$
II none