

$\mu c 1 1$

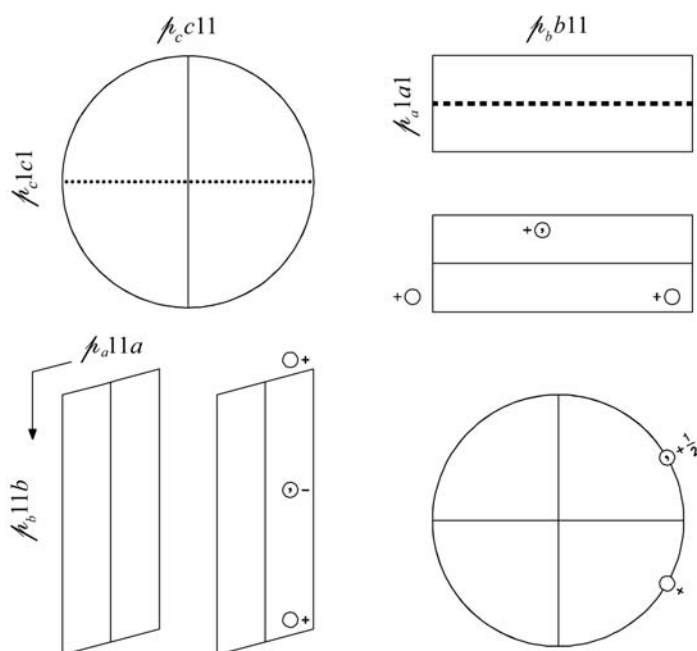
m

Monoclinic/Oblique

No. 5

$\mu c 1 1$

Patterson symmetry $\mu 2/m 1 1$



Origin on glide plane c

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

Symmetry operations

(1) 1 (2) $c \ 0, y, z$

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

Positions

Multiplicity, Wyckoff letter, Site symmetry	Coordinates	Reflection conditions
2 a 1	(1) x, y, z (2) $\bar{x}, y, z + \frac{1}{2}$	General: $l : l = 2n$

Symmetry of special projections

Along [001] $1m1$	Along [100] $\mu 1$ $\mathbf{a}' = \frac{1}{2}\mathbf{c}$ Origin at $x, 0, 0$	Along [010] $\mu 1 1g$ $\mathbf{a}' = \mathbf{c}_p$ Origin at $0, y, 0$
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Maximal non-isotypic non-enantiomorphic subgroups

I $[2]\mu 1 (1) 1$

IIa none

IIb none

Maximal isotypic subgroups and enantiomorphic subgroups of lowest index

IIc $[3]\mu c 1 1 (\mathbf{c}' = 3\mathbf{c}) (5)$

Minimal non-isotypic non-enantiomorphic supergroups

I $[2]\mu 2/c 1 1 (7)$; $[2]\mu c c 2 (16)$; $[2]\mu m c 2_1 (17)$; $[2]\mu 2 c m (19)$; $[3]\mu 3 c 1 (50)$

II $[2]\mu m 1 1 (\mathbf{c}' = \frac{1}{2}\mathbf{c}) (4)$