

Name and formula

Reference code: 00-001-1238
PDF index name: Zinc
Empirical formula: Zn
Chemical formula: Zn

Crystallographic parameters

Crystal system: Hexagonal
Space group: P63/mmc
Space group number: 194

a (Å): 2.6591
b (Å): 2.6591
c (Å): 4.9353
Alpha (°): 90.0000
Beta (°): 90.0000
Gamma (°): 120.0000

Measured density (g/cm³): 7.10
Volume of cell (10⁶ pm³): 30.22
Z: 2.00

RIR: -

Status, subfiles and quality

Status: Marked as deleted by ICDD
Subfiles: Inorganic
Quality: Blank (B)

Comments

Deleted by: Deleted by NBS card.
Color: White
Melting point: 420

References

Primary reference: Hanawalt et al., *Anal. Chem.* **10**, 475, (1938)
Unit cell: *Dana's System of Mineralogy, 7th Ed.*

Peak list

No.	h	k	l	d [Å]	2Theta[deg]	I [%]
1	0	0	2	2.46000	36.496	25.0
2	1	0	0	2.30000	39.135	20.0
3	1	0	1	2.08000	43.473	100.0
4	1	0	2	1.68000	54.582	14.0
5	1	1	0	1.33000	70.785	18.0
6	1	1	2	1.17000	82.352	12.0
7	2	0	1	1.12000	86.907	8.0

8	2	0	2	1.04000	95.578	2.0
9	2	0	3	0.94000	110.063	2.0
10	1	0	5	0.91000	115.662	2.0

Stick Pattern

