

Crystal structure of Ma-N (molybdenum-nitrogen) system

Crystal Structure

Due to reduction of molybdenum dioxides with ammonium chloride at high pressure and high temperature MoN has been prepared by [00Zha]. The symmetry of this compound is hexagonal with lattice constants

$a = 0.5729$ nm and

$c = 0.5604$ nm.

Symbols and abbreviations

Short form	Full form
a, b, c	lattice parameters

References

[00Zha] Zhao, X., Range, K.-J.: J. Alloys Comp. **296** (2000) 72