

substance: DyH₃

property: crystal structure

crystal structure hexagonal ($D_{6h}^{4+} - P6_3/mmc$)
Mössbauer spectra [81S]; 62P,

63W

lattice parameters

a 3.671 Å
c 6.615 Å

magnetic ordering [81C]

References:

- 62P Pebler, A., Wallace, W. E.: J. Phys. Chem. 66 (1962) 148.
- 63W Wallace, W. E., Kubota, Y., Zanolwick, R. L.: "Magnetic Characteristics of Gadolinium, Terbium and Ytterbium Hydrides in Relation to the Electronic Nature of the Lanthanide Hydrides" in "Advances in Chemistry Series" No. 39, p. 122, Washington, D. C.: American Chemical Society 1963.
- 81C Carlin, R. L., Krause, L. J.: Chem. Phys. Lett. 82 (1981) 323.
- 81S Stewart, G. A., Wortmann, G.: Phys. Lett. A85 (1981) 185.