MAGNETIC PROPERTIES OF SOME RARE-EARTH FERRICYANIDES

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Magnetic properties of rare-earth ferricyanides has been subject of interest for a long time [1]. In this contribution we will present the more detailed information on the structural and magnetic properties of Dy, Sm and Gd ferricyanides. It is found that the compounds investigated are magnetically ordered in the low temperature region (below 15 K). The type of ordering and the value of saturated magnetic moment depends on the type of RE magnetic ion.

9.7 cm

Literature

1. F. Hulliger, M. Landolt, H. Vetsch: Journal of Solid State Chemistry **18** (1976) 283

13.4 cm

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