

Mean Amplitudes of Vibration of Some Octahedral MF_6^- Anions

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The mean amplitudes of vibration of the hexafluoroanions of the groups 5 and 15 of the Periodic System have been calculated from known spectroscopic data between 0 and 1000 K. Bond peculiarities of these compounds are discussed, and some comparisons with related species are made.

Key words: Hexafluoroanions; Mean Amplitudes of Vibration; Bond Properties.