



>>Entry Name: Lead(IV) fluoride (PbF₄)

Synonym(s): Lead tetrafluoride. Tetrafluoroplumbane

CAS Registry Number: 7783-59-7

PbF₄ (*T_d*)

Molecular Formula: F₄Pb

Molecular Weight: 283.194

Accurate Mass: 283.970239

Percentage Composition: F 26.83%; Pb 73.17%

Physical Description: Cryst.

Melting Point: Mp *ca.* 600°

References:

Hange, R.H. *et al.*, *J. Mol. Spectrosc.*, 1973, **45**, 420, (*ir*)

Knispel, R.R. *et al.*, *J. Chem. Phys.*, 1975, **63**, 3409, (*F-19 nmr*)

Kirk-Othmer Encycl. Chem. Technol., 3rd edn., Wiley, 1978, **10**, 756, (*rev*)