

Summary of Chapter 8: Data Base for Liquid Breeders and Coolants

The material properties of lithium, Pb-17Li and $(\text{LiF})_n(\text{BeF}_2)$ have been reviewed and summarized in this report. It will be useful for fusion scientists use the same material properties in the fusion engineering work.

Most material properties of Sn-Li are not available. While work are on going to measure Sn-Li material properties, some suggestion of the properties to use are summarized here. Those properties are preliminary, and subject to change when more reliable information becomes available.