Information Summary of Candidate Breeder Materials

	Li(liquid)	$LiPb_4$ (liq)	$LiBi_5Pb_4$ (liq)	Li_7Pb_2(s)	LiAl(s)	Li_2O(s)	$LiAlO_2$(s)	LiOH(liq)
Materials Data Base	Good	Poor	Zero	Fair	Fair	Fair	Fair	Fair
MP °C	180	235	125	726	700	1440	1600	0
T_{min} °C	230	285	175	270	250	500	450	10
T_{max} °C	400	550	400	330	310	800	850	200
Reason for T_{max}	Corrosion	Corrosion	Corrosion	<----------Sintering---------->				Corrosion
Breeding Capability	Good	Good	Good	Excellent	Poor	Good	Poor	Good
Steady Tritum recovery	Excellent	Excellent	Excellent	Poor	Poor	Poor	Fair	Excellent
Reactor Relevant	Very Good	Very Good	Very Good	poor	Poor	?	?	Poor
Chemical Reactivity	Bad	Fair	Fair	Poor	Poor	Hygro-scopic	Best	Best