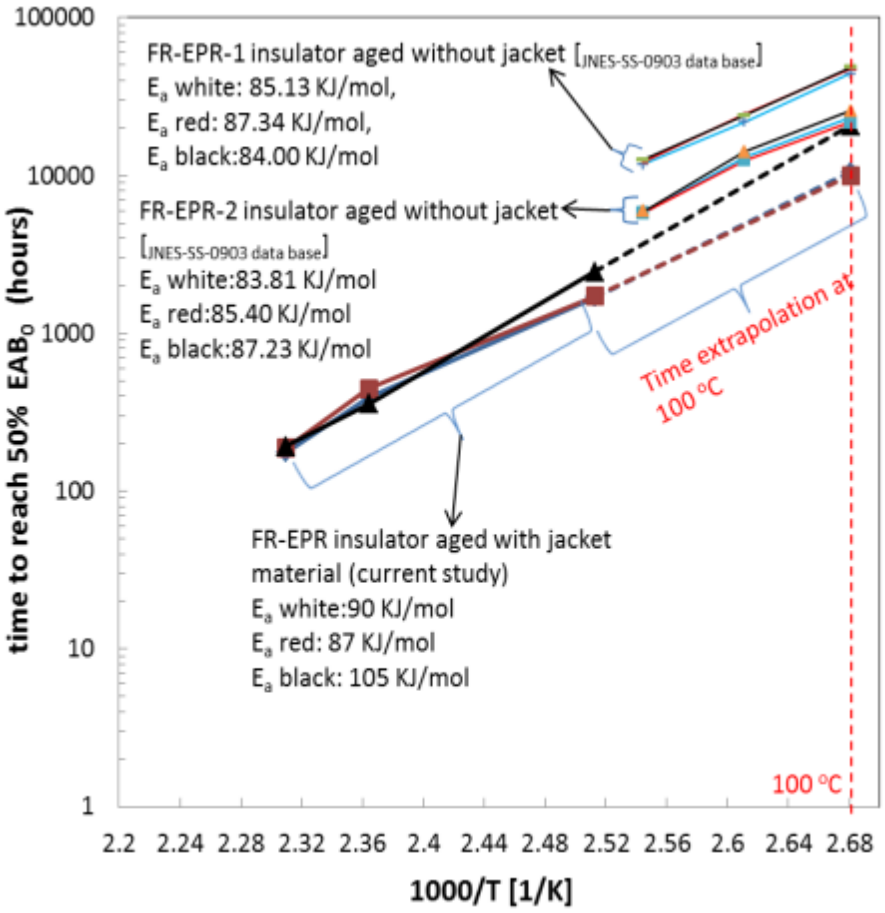
FR-EPR-1 insulator aged without jacket [JNES-SS-0903 data base]
E_a white: 85.13 KJ/mol,
E_a red: 87.34 KJ/mol,
E_a black:84.00 KJ/mol
FR-EPR-2 insulator aged without jacket [JNES-SS-0903 data base]
E_a white:83.81 KJ/mol
E_a red:85.40 KJ/mol
E_a black:87.23 KJ/mol
Time extrapolation at 100 °C
FR-EPR insulator aged with jacket material (current study)
E_a white:90 KJ/mol
E_a red: 87 KJ/mol
E_a black: 105 KJ/mol
100 °C
time to reach 50% EAB$_0$ (hours)
100000
10000
1000
100
10
1
2.2 2.24 2.28 2.32 2.36 2.4 2.44 2.48 2.52 2.56 2.6 2.64 2.68
1000/T [1/K]