

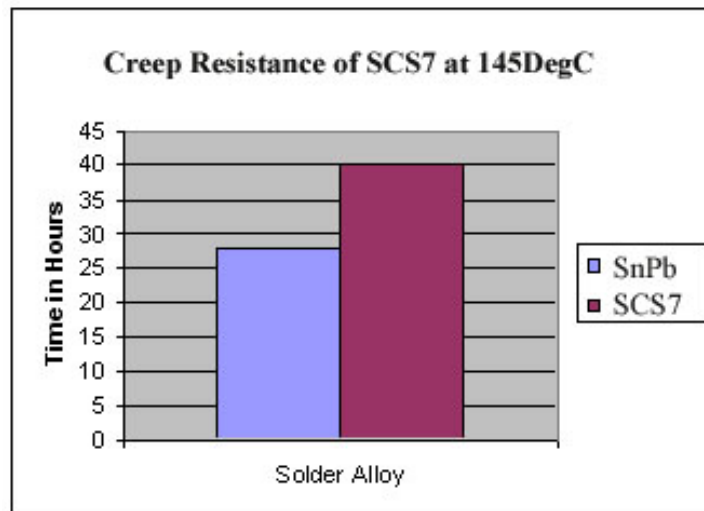
Creep Resistance Test

This test measures the slow plastic strain (creep) under low permanent stresses. The long term strength loading should be much lower than short term loading strength. The test is conducted with a constant load level, in order to determine the creep constitutive properties of the solder alloy material.

Load Scale : 1 Kg

Temperature : 145⁰C

Results:



Creep at 145⁰C for SCS7

Observation: Under 145⁰C, SCS7 has maintained its plastic strain rate for over 40hours.