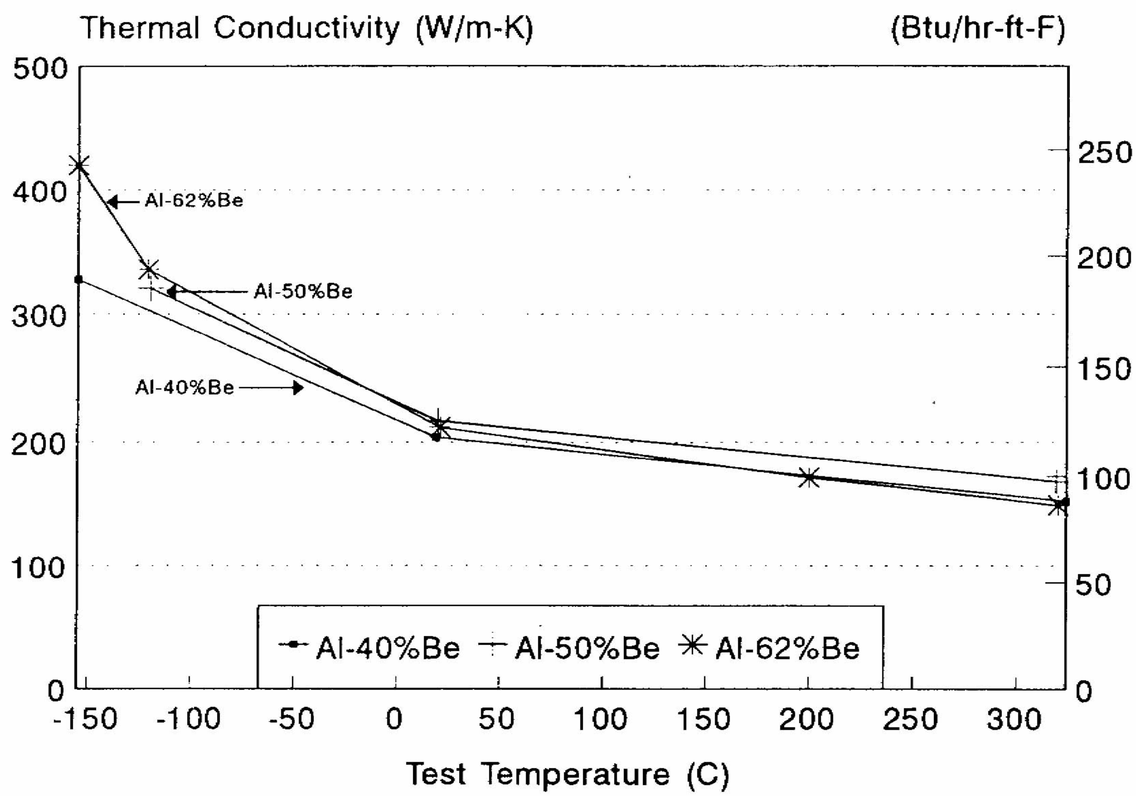
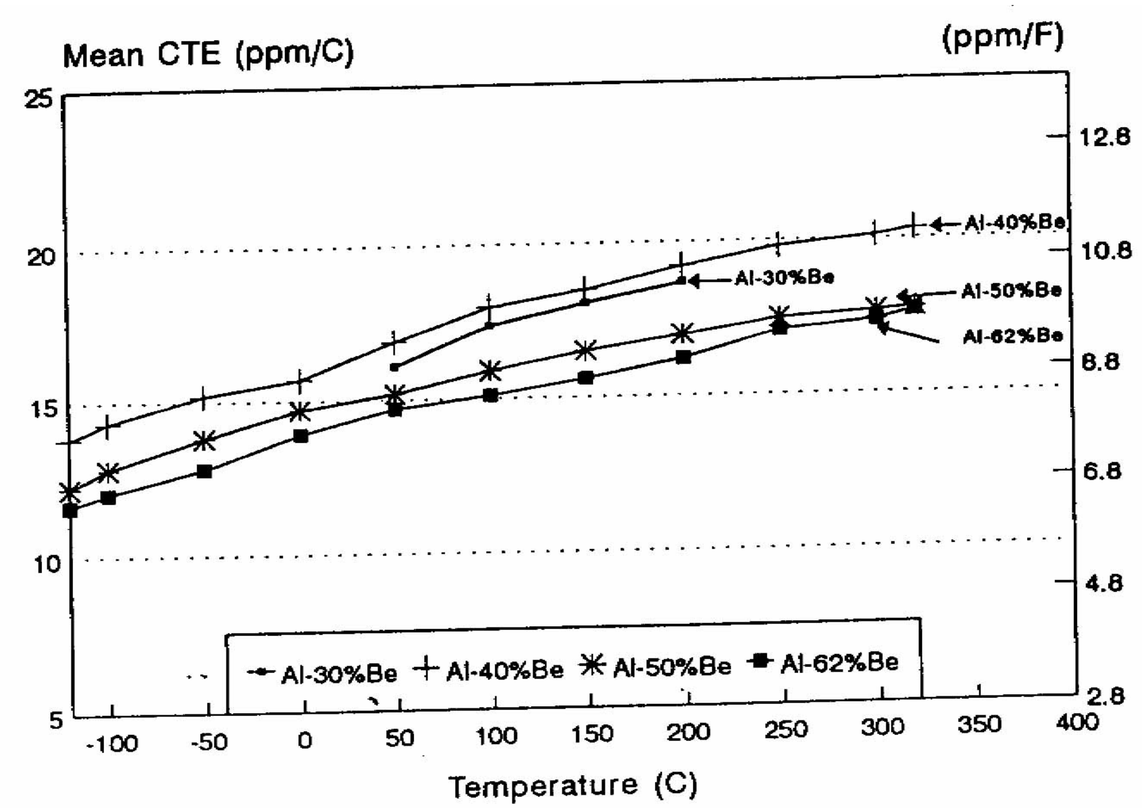
Table 8 - Experimental Al-Be Alloy Electrical Conductivity (%IACS)
Heat Treated at 986°F (530°C) for 3-hrs

Al-40%Be	48
Al-35.8%Be-3.8%Mg	34
Al-38.5%Be-1.5%Mg-0.5%Si	42
Al-62%Be	42
Al-57.9%Be-2.8%Mg	34




Mean CTE (ppm/C)
(ppm/F)
25
20
15
10
5
12.8
10.8
8.8
6.8
4.8
2.8
Al-40%Be
Al-30%Be
Al-50%Be
Al-62%Be
Al-30%Be Al-40%Be Al-50%Be Al-62%Be
-100
-50
0
50
100
150
200
250
300
350
400
Temperature (C)