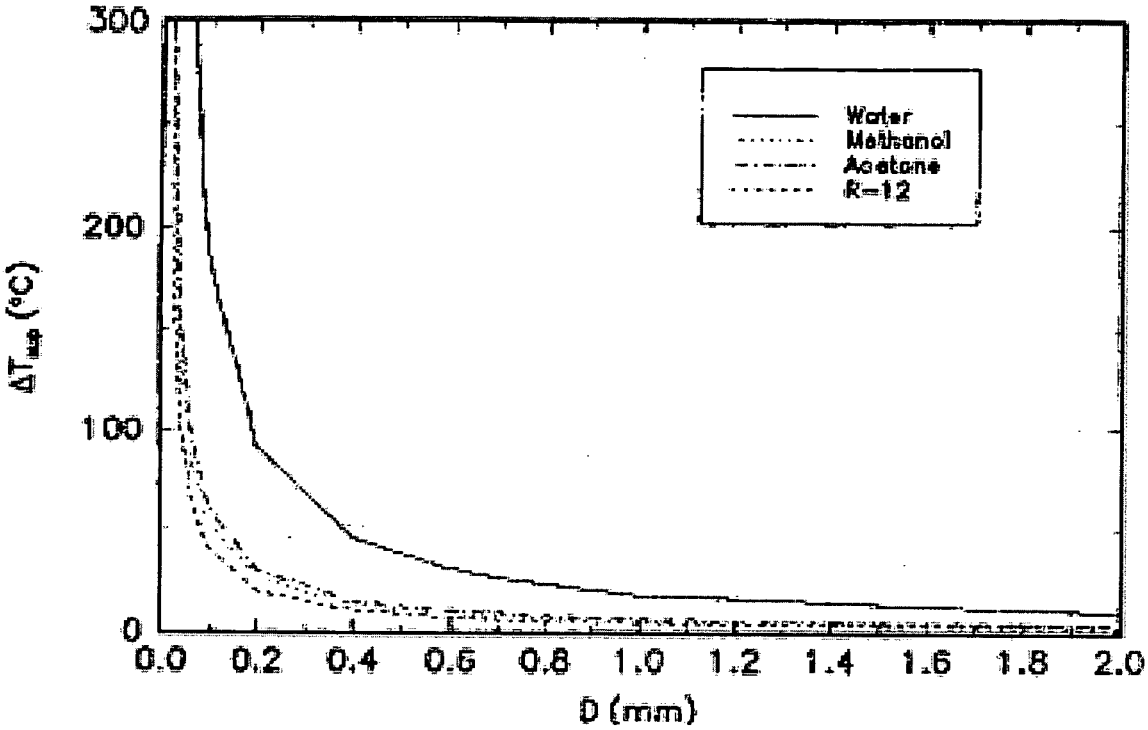
300
200
100
0
ΔT_{sup} (°C)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
D (mm)
Water
Methanol
Acetone
R-12

Fig. 3

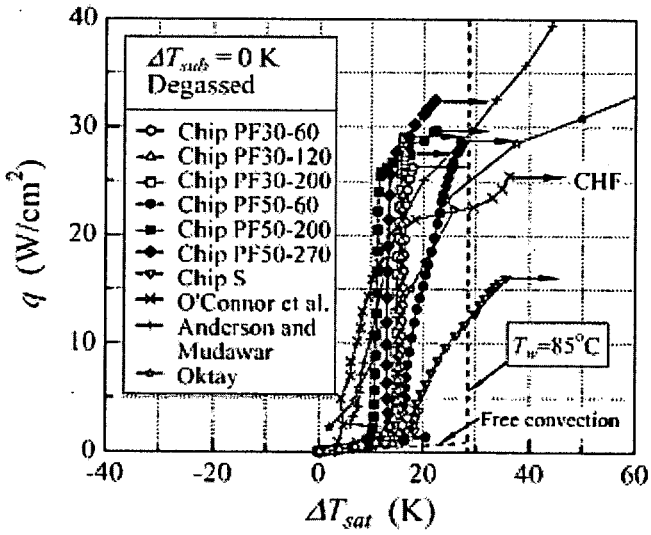
ΔT_{sub} = 0 K
Degassed
Chip PF30-60
Chip PF30-120
Chip PF30-200
Chip PF50-60
Chip PF50-200
Chip PF50-270
Chip S
O'Connor et al.
Anderson and Mudawar
Oktay
CHF
T_w=85°C
Free convection
q (W/cm^2)
ΔT_{sat} (K)
40
30
20
10
0
-40
-20
0
20
40
60

Fig. 4