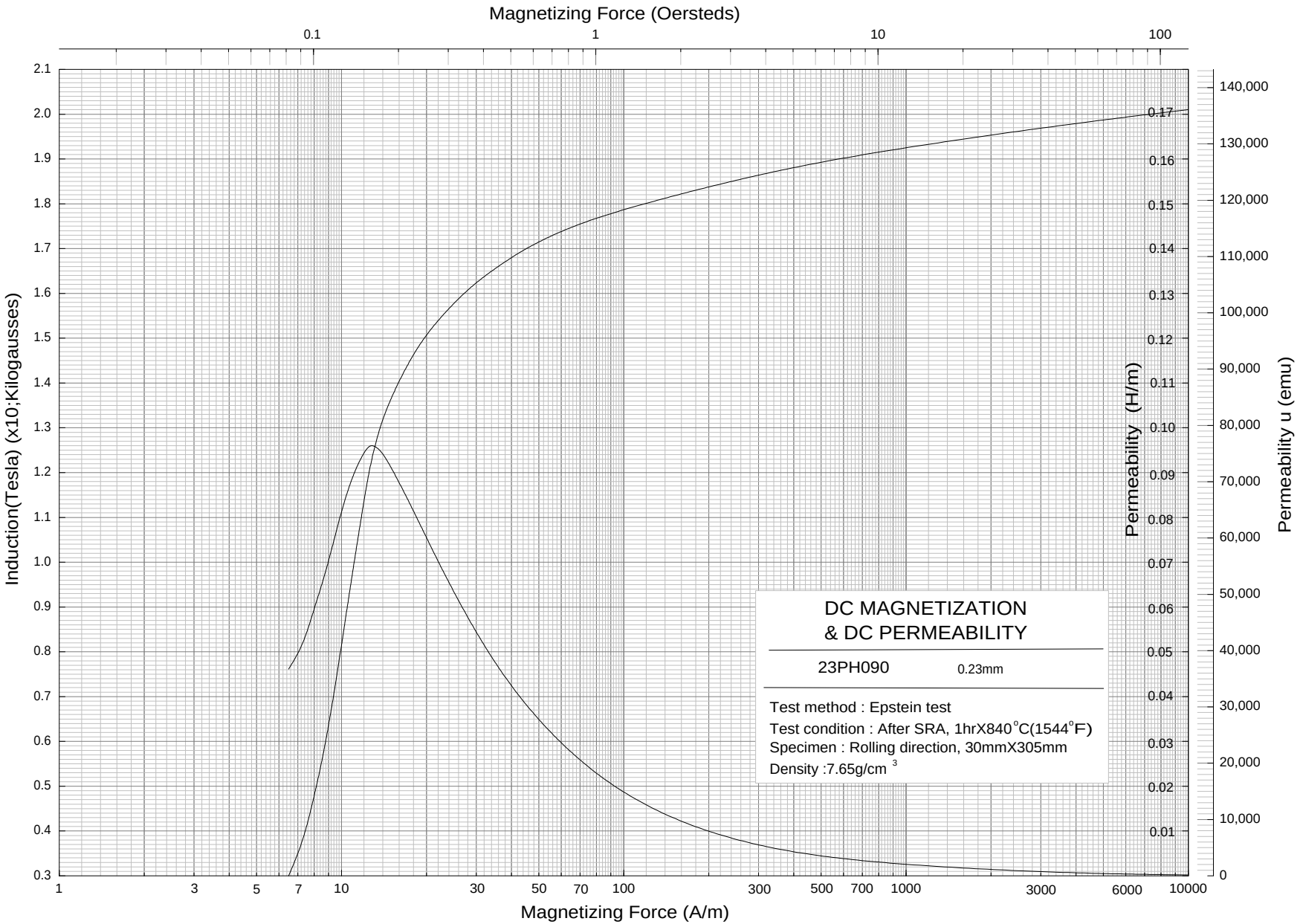
Magnetizing Force (Oersteds)
0.1
1
10
100
Induction(Tesla) (x10;Kilogausses)
2.1
2.0
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
Permeability (H/m)
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
Permeability u (emu)
140,000
130,000
120,000
110,000
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
1
3
5
7
10
30
50
70
100
300
500
700
1000
3000
6000
10000
Magnetizing Force (A/m)
DC MAGNETIZATION
& DC PERMEABILITY
23PH090
0.23mm
Test method : Epstein test
Test condition : After SRA, 1hrX840°C(1544°F)
Specimen : Rolling direction, 30mmX305mm
Density :7.65g/cm 3