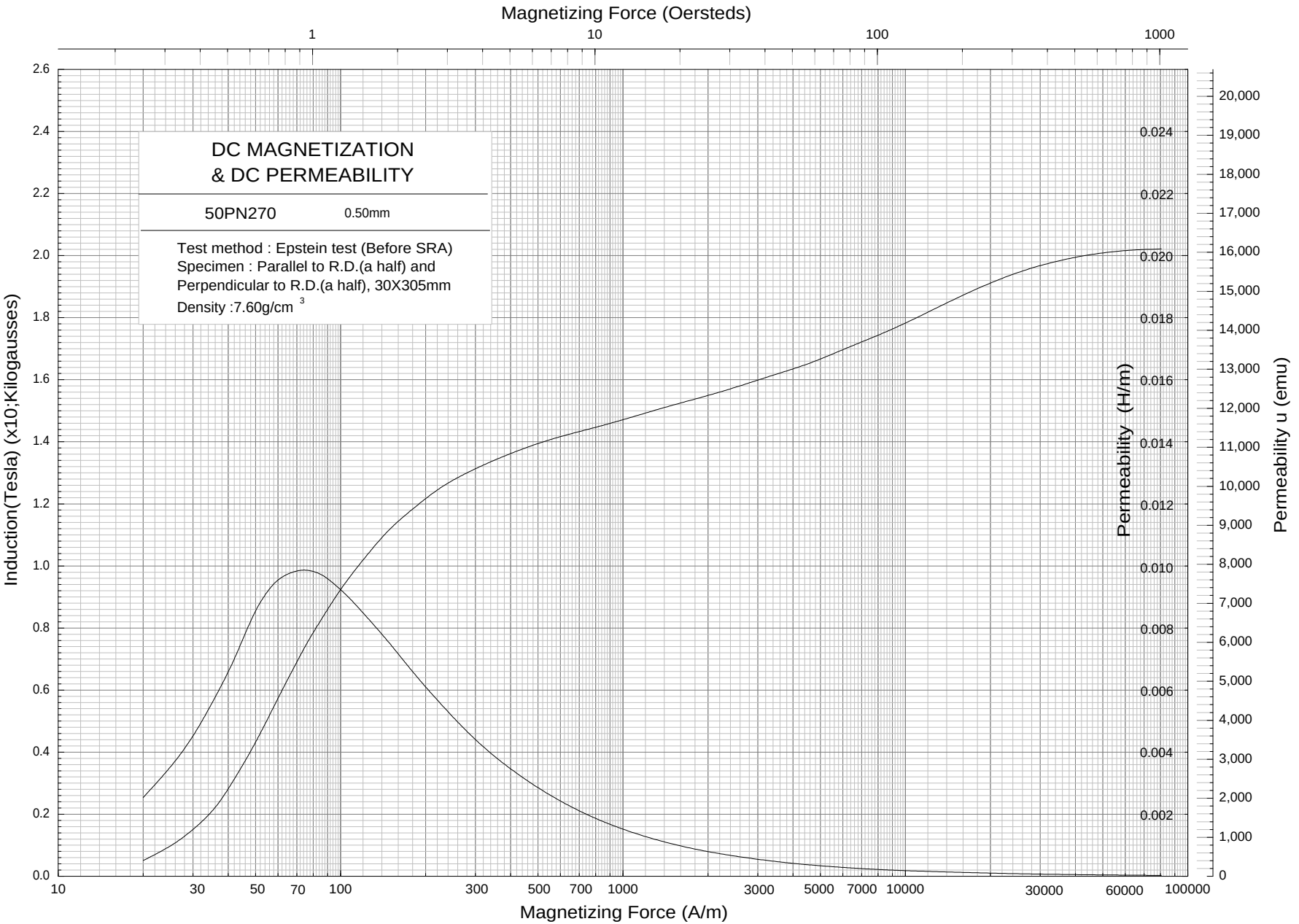
DC MAGNETIZATION
& DC PERMEABILITY
50PN270 0.50mm
Test method : Epstein test (Before SRA)
Specimen : Parallel to R.D.(a half) and
Perpendicular to R.D.(a half), 30X305mm
Density :7.60g/cm 3
Magnetizing Force (Oersteds)
1
10
100
1000
Induction(Tesla) (x10;Kilogausses)
2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Permeability (H/m)
0.024
0.022
0.020
0.018
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
Permeability u (emu)
20,000
19,000
18,000
17,000
16,000
15,000
14,000
13,000
12,000
11,000
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
10
30
50
70
100
300
500
700
1000
3000
5000
7000
10000
30000
60000
100000
Magnetizing Force (A/m)