

Magnetic and Physical Properties of Nd-Fe-B Magnet

釹鐵鋁磁鐵特性表

序号 NO	牌号 Grade	Remanence Br 剩磁		Coercivity Force 矯頑力		Intrinsic Coercivity 內稟矯頑力		Maximum Energy 最大磁能值		TW* 工作溫度
		Br		Hcb		Hcj		(BH)max		L/D=0.7
		T	KGs	KA/m	KOe	KA/m	KOe	KJ/m ³	KGOe	°C
1	N35	1.18-1.22	11.8-12.2	860-907	10.8-11.4	≥955	≥12	263-287	33-36	≤80
2	N38	1.22-1.26	12.2-12.6	860-907	10.8-11.4	≥955	≥12	287-303	36-38	≤80
3	N40	1.26-1.29	12.6-12.9	860-907	10.8-11.4	≥955	≥12	303-318	38-40	≤80
4	N42	1.29-1.33	12.9-13.3	860-907	10.8-11.4	≥955	≥12	318-342	40-43	≤80
5	N45	1.33-1.37	13.3-13.7	863-907	10.5-11.4	≥955	≥12	342-366	43-46	≤80
6	N48	1.37-1.41	13.7-14.1	716-836	9.0-10.5	≥836	≥10.5	366-390	46-49	≤80
7	N50	1.41-1.45	14.1-14.5	860-907	10.5-10.8	≥836	≥10.5	390-406	49-51	≤80
8	N35M	1.18-1.22	11.8-12.2	860-907	10.8-11.4	≥1114	≥14	263-287	33-36	≤100
9	N38M	1.22-1.26	12.2-12.6	860-907	10.8-11.4	≥1114	≥14	287-303	36-38	≤100
10	N40M	1.26-1.29	12.6-12.9	860-907	10.8-11.4	≥1114	≥14	303-318	38-40	≤100
11	N42M	1.29-1.33	12.9-13.3	860-907	10.8-11.4	≥1114	≥14	318-342	40-43	≤100
12	N45M	1.33-1.37	13.3-13.7	860-907	10.8-11.4	≥1114	≥14	342-366	43-46	≤100
13	N48M	1.37-1.41	13.7-14.1	860-907	10.8-11.4	≥1114	≥14	366-390	46-49	≤100
14	N33H	1.14-1.18	11.4-11.8	820-876	10.3-11.0	≥1353	≥17	247-263	31-33	≤120
15	N35H	1.18-1.22	11.8-12.2	876-907	11.0-11.4	≥1353	≥17	263-287	33-36	≤120
16	N38H	1.22-1.26	12.2-12.6	890-940	11.2-11.8	≥1353	≥17	287-303	36-38	≤120
17	N40H	1.26-1.29	12.6-12.9	916-995	11.5-12.5	≥1353	≥17	303-318	38-40	≤120
18	N42H	1.29-1.33	12.9-13.3	939-995	11.8-12.5	≥1353	≥17	318-342	40-43	≤120
19	N44H	1.33-1.35	13.3-13.5	956-1035	12.0-13.0	≥1353	≥17	342-358	43-45	≤120
20	N46H	1.35-1.38	13.5-13.8	956-1035	12.0-13.0	≥1353	≥17	358-374	45-47	≤120
21	N33SH	1.14-1.18	11.4-11.8	820-876	10.3-11.0	≥1592	≥20	247-263	31-33	≤150
22	N35SH	1.18-1.22	11.8-12.2	860-907	10.8-11.4	≥1592	≥20	263-287	33-36	≤150
23	N38SH	1.22-1.26	12.2-12.6	860-907	10.8-11.4	≥1592	≥20	287-303	36-38	≤150
24	N40SH	1.26-1.29	12.6-12.9	860-907	10.8-11.4	≥1592	≥20	303-318	38-40	≤150
25	N42SH	1.29-1.33	12.9-13.3	860-907	10.8-11.4	≥1592	≥20	318-342	40-43	≤150
26	N44SH	1.33-1.35	13.3-13.5	860-907	10.8-11.4	≥1592	≥20	342-358	43-45	≤150
27	N30UH	1.08-1.14	10.8-11.4	804-844	10.1-10.6	≥1989	≥25	223-247	28-31	≤180
28	N33UH	1.14-1.18	11.4-11.8	820-876	10.3-11.0	≥1989	≥25	247-263	30-33	≤180
29	N35UH	1.18-1.22	11.8-12.2	860-907	10.8-11.4	≥1989	≥25	263-287	33-36	≤180
30	N38UH	1.22-1.26	12.2-12.6	860-907	10.8-11.4	≥1989	≥25	287-303	36-38	≤180
31	N40UH	1.26-1.29	12.6-12.9	860-907	10.8-11.4	≥1989	≥25	289-303	38-40	≤180
32	N42UH	1.28-1.32	12.8-13.2	860-907	10.8-11.4	≥1989	≥25	303-318	40-42	≤180
33	N30EH	1.08-1.14	10.8-11.4	804-844	10.1-10.6	≥2387	≥30	223-247	28-31	≤200
34	N33EH	1.14-1.18	11.4-11.8	820-876	10.3-11.0	≥2388	≥30	247-263	31-33	≤200
35	N35EH	1.18-1.22	11.8-12.2	836-907	10.5-11.4	≥2388	≥30	263-287	33-36	≤200
36	N38EH	1.22-1.26	12.2-12.6	860-907	10.8-11.4	≥2388	≥30	287-303	36-38	≤200