

烧结钕铁硼性能表

Magnetic Properties of Sintered Neodymium Magnets

Properties Grade Unit No.		剩余磁感应强度 Residua Induction				矫顽力 Coercive Force				内禀矫顽力 Intrinsic Coercive Force		最大磁能积 Max Energy Product				工作温度 Working temp
		Br				Hcb				Hcj		(BH)max				
		kGs		T		kOe		kA/m		kOe	kA/m	MGOe		kJ/m3		
		Nom.	Min.	Nom.	Min.	Nom.	Min.	Nom.	Min.			Nom.	Min.	Nom.	Min.	℃
1	N30	11.2	10.8	1.12	1.08	10.5	10.0	836	796	≥12	≥955	30	28	239	223	≤80
2	N35	12.0	11.7	1.20	1.17	11.3	10.8	900	860	≥12	≥955	35	33	279	263	≤80
3	N38	12.6	12.2	1.26	1.22	11.5	11.3	915	900	≥12	≥955	38	36	303	287	≤80
4	N40	12.9	12.6	1.29	1.26	11.6	11.4	924	908	≥12	≥955	40	38	318	303	≤80
5	N42	13.1	12.9	1.31	1.29	11.8	11.5	939	915	≥12	≥955	42	40	334	318	≤80
6	N45	13.6	13.3	1.36	1.33	12.0	11.6	955	924	≥12	≥955	45	43	358	342	≤80
7	N48	14.0	13.8	1.40	1.38	10.8	10.2	860	810	≥11	≥875	48	46	383	367	≤80
8	N50	14.3	14.0	1.43	1.40	10.8	10.0	860	794	≥11	≥875	50	48	398	383	≤80

9	N52	14.5	14.2	1.45	1.42	10.8	10.0	860	794	≥11	≥875	52	50	414	398	≤80
10	N30M	11.2	10.8	1.12	1.08	10.5	10.0	836	794	≥14	≥1114	30	28	239	223	≤100
11	N35M	12.0	11.7	1.20	1.17	11.3	10.9	900	868	≥14	≥1114	35	33	279	263	≤100
12	N38M	12.6	12.2	1.26	1.22	11.8	11.3	939	900	≥14	≥1114	38	36	303	287	≤100
13	N40M	12.9	12.6	1.29	1.26	12.0	11.6	955	924	≥14	≥1114	40	38	318	303	≤100
14	N42M	13.2	12.9	1.32	1.29	12.4	12.0	987	955	≥14	≥1114	42	40	334	318	≤100
15	N45M	13.5	13.3	1.35	1.33	12.6	12.2	1003	971	≥14	≥1114	45	43	358	342	≤100
16	N48M	14.0	13.8	1.40	1.38	13.3	12.9	1059	1027	≥14	≥1114	48	46	383	367	≤100
17	N50M	14.3	14.0	1.43	1.40	13.5	13.1	1074	1042	≥14	≥1114	50	48	398	383	≤100
18	N52M	14.5	14.2	1.45	1.42	13.6	13.2	1082	1050	≥14	≥1114	52	50	414	398	≤100
19	N30H	11.2	10.8	1.12	1.08	10.5	10.0	836	794	≥17	≥1353	30	28	239	223	≤120
20	N33H	11.7	11.4	1.17	1.14	11.0	10.5	876	836	≥17	≥1353	33	31	263	247	≤120
21	N35H	12.0	11.7	1.20	1.17	11.3	10.9	900	868	≥17	≥1353	35	33	279	263	≤120
22	N38H	12.6	12.2	1.26	1.22	11.8	11.3	939	900	≥17	≥1353	38	36	303	287	≤120

23	N40H	12.8	12.6	1.28	1.26	12.0	11.6	955	924	≥17	≥1353	40	38	318	303	≤120
24	N42H	13.0	12.8	1.30	1.28	12.4	12.0	987	955	≥17	≥1353	42	40	334	318	≤120
25	N45H	13.5	13.3	1.35	1.33	12.6	12.2	1003	971	≥17	≥1353	45	43	358	342	≤120
26	N48H	14.0	13.8	1.40	1.38	13.3	12.9	1059	1027	≥17	≥1353	48	46	383	367	≤120
27	N50H	14.3	14.0	1.43	1.40	13.5	13.1	1074	1042	≥17	≥1353	50	48	398	383	≤120
28	N52H	14.5	14.2	1.45	1.42	13.6	13.2	1082	1050	≥17	≥1353	52	50	414	398	≤120
29	N30SH	11.2	10.8	1.12	1.08	10.5	10.1	836	804	≥20	≥1595	30	28	239	223	≤150
30	N33SH	11.7	11.4	1.17	1.14	11.0	10.6	876	844	≥20	≥1595	33	31	263	247	≤150
31	N35SH	12.0	11.7	1.20	1.17	11.3	11.0	900	876	≥20	≥1595	35	33	279	263	≤150
32	N37SH	12.3	12.0	1.23	1.20	11.5	11.3	915	900	≥20	≥1595	37	35	295	279	≤150
33	N38SH	12.5	12.2	1.25	1.22	11.8	11.4	939	908	≥20	≥1595	38	36	303	287	≤150
34	N40SH	12.7	12.5	1.27	1.25	12.1	11.8	963	939	≥20	≥1595	40	38	318	303	≤150
35	N42SH	13.0	12.8	1.30	1.28	12.4	12.0	987	955	≥20	≥1595	42	40	334	318	≤150
36	N45SH	13.5	13.3	1.35	1.33	12.6	12.2	1003	971	≥20	≥1595	45	43	358	342	≤150

37	N48SH	14.0	13.8	1.40	1.38	13.3	12.9	1059	1027	≥20	≥1595	48	46	383	367	≤150
38	N25UH	10.0	9.6	1.00	0.96	9.6	9.2	764	732	≥25	≥1990	25	22	199	175	≤180
39	N28UH	10.8	10.4	1.08	1.04	10.2	9.8	812	780	≥25	≥1990	28	26	223	207	≤180
40	N30UH	11.2	10.8	1.12	1.08	10.6	10.1	844	804	≥25	≥1990	30	28	239	223	≤180
41	N33UH	11.5	11.3	1.15	1.13	11.0	10.6	876	844	≥25	≥1990	33	31	263	247	≤180
42	N35UH	11.9	11.7	1.19	1.17	11.3	11.0	900	876	≥25	≥1990	35	33	279	263	≤180
43	N38UH	12.5	12.2	1.25	1.22	11.8	11.4	939	908	≥25	≥1990	38	36	303	287	≤180
44	N40UH	12.7	12.5	1.27	1.25	12.2	11.8	971	939	≥25	≥1990	40	38	318	303	≤180
45	N42UH	13.0	12.8	1.30	1.28	12.4	12.0	987	955	≥25	≥1990	42	40	334	318	≤180
46	N45UH	13.5	13.3	1.35	1.33	12.6	12.2	1003	971	≥25	≥1990	45	43	358	342	≤180
47	N28EH	10.8	10.4	1.08	1.04	10.4	9.8	811	780	≥30	≥2388	28	26	223	207	≤200
48	N30EH	11.2	10.8	1.12	1.08	10.6	10.1	844	804	≥30	≥2388	30	28	239	223	≤200
49	N33EH	11.5	11.3	1.15	1.13	11.0	10.6	876	844	≥30	≥2388	33	31	263	247	≤200
50	N35EH	11.9	11.7	1.19	1.17	11.3	11.0	900	876	≥30	≥2388	35	33	279	263	≤200

51	N38EH	12.4	12.2	1.24	1.22	11.8	11.4	939	908	≥30	≥2388	38	35	303	279	≤200
52	N40EH	12.7	12.4	1.27	1.24	12.2	11.6	971	939	≥30	≥2388	40	37	310	294	≤200
53	N28AH	10.8	10.4	1.08	1.04	10.4	9.8	811	780	≥33	≥2626	28	26	223	207	≤220
54	N30AH	11.2	10.8	1.12	1.08	10.6	10.1	844	804	≥33	≥2626	30	28	239	223	≤220
55	N33AH	11.5	11.3	1.15	1.13	11.0	10.6	876	844	≥33	≥2626	33	31	263	247	≤220
56	N35AH	11.9	11.7	1.19	1.17	11.5	11.0	915	876	≥33	≥2626	35	33	279	263	≤220
57	N38AH	12.4	12.2	1.24	1.22	11.8	11.4	939	908	≥33	≥2626	38	35	294	279	≤220
58	N40AH	12.7	12.4	1.27	1.24	12.1	11.8	971	939	≥33	≥2626	40	37	310	294	≤220

备注：我司可以根据客户的要求生产特殊的牌号（N25-N33, HT, SHT, UHT, EHT 等）。

Remarks: We can produce some special grades(N25-N33,HT,SHT,UHT,EHT and so on) at customer's request.