Pinghu Zhongmai Magnetic Industry Co.,Ltd.

Magnetic Properties of Sintered NdFeB Magnets

File Number：03-CC-08 Ver：1.2

Number	Grade	Remanence (Br)		Coercivity Force(Hcb)	Intrinsic Coercive Force(Hcj)	Max.Energy Rroduct (BH)max		Maximum Operating Temp
		T		KA/m	KA/m	KJ/m3		L/D=0.7
		KGs		KOe	KOe	KGOe		
		max	min	min	min	max	min	℃
1	N35	1.22	1.18	860	955	287	263	≤80
		12.2	11.8	10.8	12.0	36	33	
2	N38	1.26	1.22	860	955	303	287	≤80
		12.6	12.2	10.8	12.0	38	36	
3	N40	1.29	1.26	860	955	318	303	≤80
		12.9	12.6	10.8	12.0	40	38	
4	N42	1.33	1.29	860	955	342	318	≤80
		13.3	12.9	10.8	12.0	43	40	
5	N45	1.37	1.33	860	955	366	342	≤80
		13.7	13.3	10.8	12.0	46	43	
6	N48	1.41	1.37	860	955	390	366	≤80
		14.1	13.7	10.8	12.0	49	46	
7	N50	1.43	1.4	836	955	406	382	≤80
		14.3	14.0	10.5	12.0	51	48	
8	N52	1.45	1.43	836	876	422	390	≤80
		14.5	14.3	10.5	11.0	53	49	
9	N54	1.5	1.45	836	876	438	406	≤80
		15.0	14.5	10.5	11.0	55	51	
10	N60	1.52	1.5	836	876	446	422	≤80
		15.2	15.0	10.5	11.0	56	53	
11	N35M	1.22	1.18	860	1114	287	263	≤100
		12.2	11.8	10.8	14.0	36	33	
12	N38M	1.26	1.22	908	1114	303	287	≤100
		12.6	12.2	11.4	14.0	38	36	
13	N40M	1.29	1.26	947	1114	318	303	≤100
		12.9	12.6	11.9	14.0	40	38	
14	N42M	1.33	1.29	963	1114	342	318	≤100
		13.3	12.9	12.1	14.0	43	40	
15	N45M	1.37	1.33	987	1114	366	342	≤100
		13.7	13.3	12.4	14.0	46	43	
16	N48M	1.41	1.37	987	1114	390	366	≤100
		14.1	13.7	12.4	14.0	49	46	
17	N50M	1.43	1.4	995	1114	406	382	≤100
		14.3	14.0	12.5	14.0	51	48	
18	N52M	1.44	1.42	995	1114	422	390	≤100

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		T		KA/m	KA/m	KJ/m3		L/D=0.7
		KGs		KOe	KOe	KGOe		
		max	min	min	min	max	min	℃
18	N52M	14.4	14.2	12.5	14.0	53	49	≤100
19	N54M	1.46	1.44	995	1114	438	406	≤100
		14.6	14.4	12.5	14.0	55	51	
20	N58M	1.48	1.46	995	1114	454	422	≤100
		14.8	14.6	12.5	14.0	57	53	
21	N33H	1.18	1.14	860	1353	263	247	≤120
		11.8	11.4	10.8	17.0	33	31	
22	N35H	1.22	1.18	860	1353	287	263	≤120
		12.2	11.8	10.8	17.0	36	33	
23	N38H	1.26	1.22	908	1353	303	287	≤120
		12.6	12.2	11.4	17.0	38	36	
24	N40H	1.29	1.26	947	1353	318	303	≤120
		12.9	12.6	11.9	17.0	40	38	
25	N42H	1.33	1.29	963	1353	342	318	≤120
		13.3	12.9	12.1	17.0	43	40	
26	N45H	1.35	1.33	987	1353	358	342	≤120
		13.5	13.3	12.4	17.0	45	43	
27	N48H	1.39	1.35	987	1353	390	358	≤120
		13.9	13.5	12.4	17.0	49	45	
28	N50H	1.42	1.4	1026	1353	406	382	≤120
		14.2	14.0	12.9	17.0	51	48	
29	N52H	1.44	1.42	1035	1353	422	390	≤120
		14.4	14.2	13.0	17.0	53	49	
30	N55H	1.46	1.44	1058	1274	438	406	≤120
		14.6	14.4	13.3	16.0	55	51	
31	N58H	1.48	1.46	1058	1274	454	422	≤120
		14.8	14.6	13.3	16.0	57	53	
32	N33SH	1.18	1.14	860	1592	263	247	≤150
		11.8	11.4	10.8	20.0	33	31	
33	N35SH	1.22	1.18	860	1592	287	263	≤150
		12.2	11.8	10.8	20.0	36	33	
34	N38SH	1.26	1.22	908	1592	303	287	≤150
		12.6	12.2	11.4	20.0	38	36	
35	N40SH	1.29	1.26	947	1592	318	303	≤150
		12.9	12.6	11.9	20.0	40	38	

中励磁业 ZHONGMAI MAGNETICS

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		T		KA/m	KA/m	KJ/m3		L/D=0.7
		KGs		KOe	KOe	KGOe		
		max	min	min	min	max	min	℃
36	N42SH	1.33	1.29	963	1592	342	318	≤150
		13.3	12.9	12.1	20.0	43	40	
37	N44SH	1.35	1.33	987	1592	358	342	≤150
		13.5	13.3	12.4	20.0	45	43	
38	N45SH	1.38	1.35	987	1592	357	342	≤150
		13.8	13.5	12.4	20.0	46	43	
39	N48SH	1.41	1.38	987	1592	390	357	≤150
		14.1	13.8	12.4	20.0	49	46	
40	N50SH	1.44	1.4	987	1592	405	374	≤150
		14.4	14.0	12.4	20.0	51	47	
41	N30UH	1.14	1.08	860	1989	247	223	≤180
		11.4	10.8	10.8	25.0	31	28	
42	N33UH	1.18	1.14	860	1989	263	239	≤180
		11.8	11.4	10.8	25.0	33	30	
43	N35UH	1.22	1.18	908	1989	287	263	≤180
		12.2	11.8	11.4	25.0	36	33	
44	N38UH	1.26	1.22	947	1989	303	287	≤180
		12.6	12.2	11.9	25.0	38	36	
45	N40UH	1.29	1.26	947	1989	318	303	≤180
		12.9	12.6	11.9	25.0	40	38	
46	N42UH	1.33	1.28	1030	1989	334	318	≤180
		13.3	12.8	12.9	25.0	42	40	
47	N45UH	1.37	1.34	1045	1989	366	335	≤180
		13.7	13.4	13.1	25.0	46	43	
48	N48UH	1.42	1.38	1070	1989	373	366	≤180
		14.2	13.8	13.4	25.0	47	46	
49	N30EH	1.14	1.08	860	2387	247	223	≤200
		11.4	10.8	10.8	30.0	31	28	
50	N33EH	1.18	1.14	860	2388	263	247	≤200
		11.8	11.4	10.8	30.0	33	31	
51	N35EH	1.22	1.18	908	2388	287	263	≤200
		12.2	11.8	11.4	30.0	36	33	
52	N38EH	1.26	1.22	947	2388	303	287	≤200
		12.6	12.2	11.9	30.0	38	36	