Features of NdFeB materials

NO.	grade	Br T KGs Max	Br T KGs Min	Hcb KA/m KOe Max	Hcb KA/m KOe Min	Hcj KA/m KOe	(BH)max KJ/m³ MGOe Max	(BH)max KJ/m³ MGOe Min	TW* °L/D=0.7 ℃
1	N35	1.21	1.17	899	876	≥955	279	263	≤80
		12.1	11.7	11.3	11.0	≥12.0	35	33	
2	N38	1.26	1.22	923	876	≥955	303	287	≤80
		12.6	12.2	11.6	11.0	≥12.0	38	36	
3	N40	1.29	1.26	923	876	≥955	318	303	≤80
		12.9	12.6	11.6	11.0	≥12.0	40	38	
4	N42	1.33	1.30	926	876	≥955	334	318	≤80
		13.3	13.0	11.6	11.0	≥12.0	42	40	
5	N45	1.37	1.33	926	876	≥955	358	342	≤80
		13.7	13.3	11.6	11.0	≥12.0	45	43	
6	N48	1.42	1.36	926	876	≥955	382	358	≤80
		14.2	13.6	11.6	11.0	≥12.0	48	45	
7	N50	1.45	1.41	907	828	≥876	398	382	≤70
		14.5	14.1	11.4	11	≥11.0	50	48	
8	N52	1.48	1.44	907	828	≥876	414	394	≤70
		14.8	1.48	11.4	10.5	≥11.0	52	49.5	
9	N35M	1.21	1.17	915	892	≥1114	279	263	≤100
		12.1	11.7	11.5	11.2	≥14	35	33	
10	N38M	1.26	1.22	931	907	≥1114	303	287	≤100
		12.6	12.2	11.7	11.4	≥14	38	36	
11	N40M	1.29	1.26	947	907	≥1114	318	303	≤100
		12.9	12.6	11.9	11.4	≥14	40	38	
12	N42M	1.33	1.30	947	907	≥1114	334	318	≤100
		13.3	13.0	11.9	11.4	≥14	42	40	
13	N45M	1.37	1.33	955	907	≥1114	358	334	≤100
		13.7	13.3	12	11.4	≥14	45	42	
14	N48M	1.42	1.36	955	907	≥1114	382	358	≤100
		14.2	13.6	12	11.4	≥14	48	45	
15	N33H	1.17	1.14	876	820	≥1353	263	247	≤120
		11.7	11.4	11	10.3	≥17	33	31	
16	N35H	1.21	1.17	907	860	≥1353	279	263	≤120
		12.1	11.7	11.4	10.8	≥17	35	33	
17	N38H	1.26	1.22	947	907	≥1353	303	287	≤120
		12.6	12.2	11.9	11.4	≥17	38	36	
18	N40H	1.29	1.26	947	907	≥1353	318	303	≤120
		12.9	12.6	11.9	11.4	≥17	40	38	
19	N42H	1.33	1.30	947	907	≥1353	334	318	≤120
		13.3	13.0	11.9	11.4	≥17	42	40	
20	N44H	1.36	1.33	947	907	≥1274	350	334	≤110
		13.6	13.3	11.9	11.4	≥16	44	42	
21	N30SH	1.12	1.08	844	804	≥1592	239	223	≤150
		11.2	10.8	10.6	10.1	≥20	30	28	
22	N33SH	1.17	1.14	876	820	≥1592	263	247	≤150
		11.7	11.4	11.0	10.3	≥20	33	31	
23	N35SH	1.21	1.17	907	860	≥1592	279	263	≤150
		12.1	11.7	11.4	10.8	≥20	35	33	
24	N38SH	1.26	1.22	947	907	≥1592	303	287	≤150
		12.6	12.2	11.9	11.4	≥20	38	36	
25	N40SH	1.29	1.26	947	907	≥1592	318	303	≤150
		12.9	12.6	11.9	11.4	≥20	40	38	
26	N42SH	1.33	1.30	947	907	≥1512	334	318	≤140
		13.3	13.0	11.9	11.4	≥19	42	40	
27	N28UH	1.08	1.04	812	780	≥1990	223	207	≤180
		10.8	10.4	10.2	9.8	≥25	28	26	
28	N30UH	1.12	1.08	844	804	≥1990	239	223	≤180
		11.2	10.8	10.6	10.1	≥25	30	28	

		11.2	10.8	10.6	10.1	≥25	30	28	
29	N33UH	1.17	1.14	876	820	≥1990	263	247	≤180
		11.7	11.4	11.0	10.3	≥25	33	31	
30	N35UH	1.21	1.17	907	860	≥1990	279	263	≤180
		12.1	11.7	11.4	10.8	≥25	35	33	
31	N38UH	1.26	1.22	947	907	≥1990	303	287	≤180
		12.6	12.2	11.9	11.4	≥25	38	36	
32	N28EH	1.08	1.04	812	780	≥2388	223	207	≤200
		10.8	10.4	10.2	9.8	≥30	28	26	
33	N30EH	1.12	1.08	844	804	≥2388	239	223	≤200
		11.2	10.8	10.6	10.1	≥30	30	28	
34	N33EH	1.17	1.14	876	820	≥2388	263	247	≤200
		11.7	11.4	11.0	10.3	≥30	33	31	
35	N35EH	1.21	1.17	907	860	≥2388	279	263	≤200
36	30AH	1.12	1.08	899	804	≥2786	255	223	≤220
		11.2	10.8	11.3	10.1	≥35	32	28	
37	33AH	0.24	1.16	947	852	≥2786	287	255	≤220
		12.4	11.6	11.9	10.7	≥35	36	32	

Note:Working temperature is tested under 20℃ ± 2℃,the inevitable loss of magnetic force is no more than 5%.

Available Coatigs:

Su rface	Coating	Thickness (Microns)	Color	Resistance
Passivation		1	Silver Grey	Temporary Protection
Nickel	Ni+Ni	10-20	Bright Silver	Excellent against Humidity
	Ni+Cu+Ni			
Zinc	Zn	8-20	Bright Blue	Good Against Salt Spray
	C-Zn		Shinny Color	Excellent Against Salt Spray
Tin	Ni+Cu+Sn	15-20	Silver	Superior Against Humidity
Gold	Ni+Cu+Au	10-20	Gold	Superior Against Humidity
Copper	Ni+Cu	10-20	Gold	Temporary Protection
Epoxy	Epoxy	15-25	Black, Red, Grey	Excellent Against Humidity & Salt Spray
	Ni+Cu+Epoxy			
	Zn+Epoxy			
Chemical	Ni	10-20	Silver Grey	Excellent Against Humidity
Parylene	Parylene	5-20	Grey	Excellent Against Humidity, Salt Spray.Superior Against Solvents, Gases, Fungi and Bacteria.FDA Approved.