

Performance list of NdFeB

Mark Unit Grade	Remanence		Coercivity		Intrinsic Coercivity		Maximum Energy Product		Curie Temperature
	KG	T	KOe	KA/m	KOe	KA/m	MGOe	KJ/m ³	°C
N-35	11.8-12.2	1.18-1.22	10.8-11.8	860-940	≥12	≥955	33-36	260-286	≤80
N-38	12.2-12.6	1.22-1.26	10.8-12.0	860-955	≥12	≥955	36-38	286-303	≤80
N-40	12.6-12.9	1.26-1.29	10.8-12.0	860-955	≥12	≥955	38-40	303-318	≤80
N-42	12.8-13.2	1.34-1.38	11.0-11.5	875-970	≥12	≥955	40-42	318-334	≤80
N-45	13.4-13.8	1.34-1.38	10.5-11.5	836-915	≥12	≥955	43-45	342-358	≤80
N-48	13.7-14.3	1.37-1.43	10.5-13.3	836-1059	≥11	≥875	46-49	358-390	≤80
N-50	14.0-14.6	1.40-1.46	10.5-13.5	836-1075	≥11	≥875	47-51	374-406	≤70
N-33M	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥14	≥1114	31-33	247-263	≤90
N-35M	11.8-12.2	1.18-1.22	10.8-11.5	860-910	≥14	≥1114	33-36	260-286	≤90
N-38M	12.2-12.6	1.22-1.26	11.0-12.2	875-970	≥14	≥1114	36-38	286-303	≤90
N-40M	12.6-12.9	1.26-1.29	11.0-12.2	875-970	≥14	≥1114	38-40	303-318	≤90
N-42M	12.8-13.2	1.28-1.32	11.0-12.5	875-995	≥14	≥1114	40-42	318-334	≤90
N-45M	13.4-13.8	1.34-1.38	11.5-12.8	910-1015	≥14	≥1114	43-45	334-358	≤90
N-48M	13.7-14.3	1.37-1.43	12.8-14.0	1019-1114	≥14	≥1114	46-49	358-390	≤90
N-50M	14.0-14.6	1.40-1.46	13.1-14.3	1043-1138	≥14	≥1114	47-51	374-406	≤90
N-30H	10.8-11.2	1.08-1.12	9.8-10.5	780-836	≥17	≥1356	28-30	223-239	≤120
N-33H	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥17	≥1356	31-33	247-263	≤120
N-35H	11.8-12.2	1.18-1.22	10.8-11.5	860-915	≥17	≥1356	33-36	260-286	≤120
N-38H	12.2-12.6	1.22-1.26	11.0-12.5	875-995	≥17	≥1356	36-38	286-303	≤120
N-40H	12.6-12.9	1.26-1.29	11.0-12.5	875-995	≥17	≥1356	38-40	303-318	≤120
N-42H	12.8-13.2	1.28-1.32	11.5-12.5	915-995	≥17	≥1356	40-42	318-334	≤120
N-44H	13.0-13.6	1.30-1.36	12.0-12.8	950-1115	≥17	≥1356	41-44	326-345	≤120
N-46H	13.4-14.0	1.34-1.40	12.5-13.6	995-1034	≥16	≥1270	43-47	334-374	≤120
N-30SH	10.8-11.2	1.08-1.12	9.8-10.5	780-836	≥20	≥1595	28-30	223-239	≤150
N-33SH	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥20	≥1595	31-33	247-263	≤150
N-35SH	11.8-12.2	1.18-1.22	10.8-11.5	860-915	≥20	≥1595	33-36	260-286	≤150
N-38SH	12.2-12.6	1.22-1.26	11.0-12.5	875-995	≥20	≥1595	36-38	286-303	≤150
N-40SH	12.6-12.9	1.26-1.29	11.0-12.5	875-995	≥20	≥1595	38-40	303-318	≤150
N-32SH	12.8-13.2	1.28-1.32	11.5-12.8	915-1015	≥20	≥1595	40-42	318-334	≤150
N-28UH	10.4-10.8	1.04-1.08	9.3-10.0	740-796	≥25	≥1990	26-28	207-223	≤180
N-30UH	10.8-11.2	1.08-1.12	9.8-10.5	780-836	≥25	≥1990	28-30	223-239	≤180
N-33UH	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥25	≥1990	31-33	247-263	≤180
N-35UH	11.8-12.2	1.18-1.22	10.8-11.5	860-915	≥25	≥1990	33-36	260-286	≤180
N-38UH	12.2-12.6	1.22-1.26	11.0-12.5	875-995	≥25	≥1990	36-38	260-286	≤180
N-28EH	10.4-10.8	1.04-1.08	9.3-10.0	740-796	≥30	≥2387	26-28	207-223	≤180
N-30EH	10.8-11.2	1.08-1.12	9.8-10.5	780-836	≥30	≥2387	28-30	223-239	≤200
N33EH	11.4-11.7	1.14-1.17	10.3-11.0	820-876	≥30	≥2387	31-33	247-263	≤180
N-25EH	11.8-12.2	1.18-1.22	10.8-11.5	860-915	≥30	≥2387	33-36	270-286	≤180

Physical performance of sintering NdFeB	
Item	Performance
Density	7.4g/cm ³
Remanence temperature coefficient	-0.11%/°C
Curie temperature	310-340°C
Vicker's hardness	600Hv
Specific resistance	144μΩ·cm
Compressive strength	9.8×10 ⁸ -12m ² /N
Flexure strength	25kg/mm
Tensile strength	8.0kg/mm ²
Specific heat	0.12kJ/(kg·°C)

Surface Treatment	
Nickel plating	
Zinc plating	
Tin Plating	
Epoxy resin	