

NdFeB磁石特性表

Item アイテム	Grade グレード	Remanence 残留磁束密度 (Br)				Coercive Force 保磁力(Hcb)		Intrinsic Coercive Force 保磁力(Hcj)		Max Energy Product 最大エネルギー積 (BH)max				Working Temp: °C 最高使用温度
		KGs		T		kOe	kA/m	kOe	kA/m	MGOe		kJ/m³		
		Max	Min	Max	Min					Max	Min	Max	Min	
N	N54	15.1	14.5	1.51	1.45	≥10.5	≥836	≥11	≥876	55	51	438	406	≤80
	N52	14.8	14.2	1.48	1.42	≥10.5	≥836	≥11	≥876	53	49	422	390	≤80
	N50	14.5	14.0	1.45	1.40	≥11	≥876	≥12	≥955	51	47	406	374	≤80
	N48	14.3	13.7	1.43	1.37	≥11	≥876	≥12	≥955	49	45	390	358	≤80
	N45	13.8	13.2	1.38	1.32	≥11	≥876	≥12	≥955	46	42	366	334	≤80
	N42	13.5	12.9	1.35	1.29	≥11	≥876	≥12	≥955	44	40	350	318	≤80
	N40	13.2	12.6	1.32	1.26	≥11	≥876	≥12	≥955	42	38	334	302	≤80
N38	13.0	12.3	1.30	1.23	≥11	≥876	≥12	≥955	40	36	318	287	≤80	
M	N52M	14.8	14.2	1.48	1.42	≥13.3	≥1059	≥14	≥1114	53	49	422	390	≤100
	N50M	14.5	14.0	1.45	1.40	≥13.1	≥1043	≥14	≥1114	51	47	406	374	≤100
	N48M	14.3	13.7	1.43	1.37	≥12.8	≥1019	≥14	≥1114	49	45	390	358	≤100
	N45M	13.8	13.2	1.38	1.32	≥12.4	≥987	≥14	≥1114	46	42	366	334	≤100
	N42M	13.5	12.9	1.35	1.29	≥12.1	≥963	≥14	≥1114	44	40	350	318	≤100
	N40M	13.2	12.6	1.32	1.26	≥11.8	≥939	≥14	≥1114	42	38	334	302	≤100
	N38M	13.0	12.3	1.30	1.23	≥11.5	≥915	≥14	≥1114	40	36	318	287	≤100
H	N52H	14.8	14.2	1.48	1.42	≥13.3	≥1059	≥17	≥1353	53	49	422	390	≤120
	N50H	14.5	14.0	1.45	1.40	≥12.9	≥1027	≥17	≥1353	51	47	406	374	≤120
	N48H	14.3	13.7	1.43	1.37	≥12.7	≥1011	≥17	≥1353	49	45	390	358	≤120
	N45H	13.8	13.2	1.38	1.32	≥12.4	≥987	≥17	≥1353	46	42	366	334	≤120
	N42H	13.5	12.9	1.35	1.29	≥12.1	≥963	≥17	≥1353	44	40	350	318	≤120
	N40H	13.2	12.6	1.32	1.26	≥11.8	≥939	≥17	≥1353	42	38	334	302	≤120
	N38H	13.0	12.3	1.30	1.23	≥11.5	≥915	≥17	≥1353	40	36	318	286	≤120
N35H	12.4	11.7	1.24	1.17	≥11.0	≥876	≥17	≥1353	37	33	295	263	≤120	
SH	N50SH	14.5	14.0	1.45	1.40	≥12.9	≥1027	≥20	≥1592	51	47	406	374	≤150
	N48SH	14.3	13.7	1.43	1.37	≥12.7	≥1011	≥20	≥1592	49	45	390	358	≤150
	N45SH	13.8	13.2	1.38	1.32	≥12.4	≥987	≥20	≥1592	46	42	366	334	≤150
	N42SH	13.5	12.9	1.35	1.29	≥12.1	≥963	≥20	≥1592	44	40	350	318	≤150
	N40SH	13.2	12.6	1.32	1.26	≥11.8	≥939	≥20	≥1592	42	38	334	302	≤150
	N38SH	12.9	12.3	1.29	1.23	≥11.5	≥915	≥20	≥1592	40	36	318	287	≤150
	N35SH	12.4	11.7	1.24	1.17	≥11.0	≥876	≥20	≥1592	37	33	295	263	≤150
N33SH	12.1	11.4	1.21	1.14	≥10.7	≥852	≥20	≥1592	35	31	279	247	≤150	
UH	N45UH	13.8	13.2	1.38	1.32	≥12.4	≥987	≥25	≥1990	46	42	366	334	≤180
	N42UH	13.5	12.8	1.35	1.28	≥12.1	≥963	≥25	≥1990	44	39	350	310	≤180
	N40UH	13.2	12.6	1.32	1.26	≥11.8	≥939	≥25	≥1990	42	38	334	302	≤180
	N38UH	12.9	12.3	1.29	1.23	≥11.5	≥915	≥25	≥1990	40	36	318	287	≤180
	N35UH	12.4	11.7	1.24	1.17	≥11.0	≥876	≥25	≥1990	37	33	295	263	≤180
	N33UH	12.1	11.4	1.21	1.14	≥10.7	≥852	≥25	≥1990	35	31	279	247	≤180
	N30UH	11.6	10.8	1.16	1.08	≥10.2	≥812	≥25	≥1990	32	28	255	223	≤180
EH	N42EH	13.5	12.8	1.35	1.28	≥12.1	≥963	≥30	≥2388	44	39	350	310	≤200
	N40EH	13.2	12.6	1.32	1.26	≥11.8	≥939	≥30	≥2388	42	38	334	302	≤200
	N38EH	12.9	12.3	1.29	1.23	≥11.5	≥915	≥30	≥2388	40	36	318	287	≤200
	N35EH	12.4	11.7	1.24	1.17	≥11.0	≥876	≥30	≥2388	37	33	295	263	≤200
	N33EH	12.1	11.4	1.21	1.14	≥10.7	≥851	≥30	≥2388	35	31	279	247	≤200
	N30EH	11.5	10.8	1.15	1.08	≥10.2	≥812	≥30	≥2388	32	28	255	223	≤200
AH	N35AH	12.4	11.7	1.24	1.17	≥11.0	≥876	≥35	≥2786	37	33	295	263	≤230
	N33AH	12.1	11.4	1.21	1.14	≥10.7	≥852	≥35	≥2786	35	31	279	247	≤230
	N30AH	11.5	10.8	1.15	1.08	≥10.2	≥812	≥35	≥2786	32	28	255	223	≤230
	N28AH	11.2	10.4	1.12	1.04	≥9.7	≥772	≥35	≥2786	30	26	239	207	≤230