

ネオジム焼結磁石の磁気特性 Magnetic properties of sintered Nd-Fe-B magnets

品番 Grades	残留磁束密度 Remanence		保磁力 Coercive Force		保磁力 Intrinsic Coercivity		最大エネルギー積 Maximum Energy Product		キュリー温度 Curie Temp. °C	温度係数 (Br) Temp. Coefficient of Br %/°C	温度係数 (Hcj) Temp. Coefficient of Hcj %/°C	参考温度範囲 Temp. Range (Reference) °C
	Br		Hcb		Hcj		(BH)max					
	T	KG	KA/m	KOe	KA/m	KOe	kJ/m ³	MGOe				
N35	1.17 - 1.22	11.7 - 12.2	≧876	≧11.0	≧955	≧12	260 - 286	33 - 36	310	-0.11 ~ -0.12	-0.60 ~ -0.65	80
N38	1.22 - 1.26	12.2 - 12.6	≧876	≧11.0	≧955	≧12	286 - 303	36 - 38	310	-0.11 ~ -0.12	-0.60 ~ -0.65	80
N40	1.26 - 1.28	12.6 - 12.8	≧876	≧11.0	≧955	≧12	303 - 318	38 - 40	310	-0.11 ~ -0.12	-0.60 ~ -0.65	80
N42	1.28 - 1.32	12.8 - 13.2	≧876	≧11.0	≧955	≧12	318 - 334	40 - 42	310	-0.11 ~ -0.12	-0.60 ~ -0.65	80
N45	1.33 - 1.36	13.3 - 13.6	≧876	≧11.0	≧955	≧12	334 - 358	42 - 45	310	-0.11 ~ -0.12	-0.60 ~ -0.65	80
N48	1.36 - 1.40	13.6 - 14.0	≧876	≧11.0	≧955	≧12	358 - 382	45 - 48	310	-0.11 ~ -0.12	-0.60 ~ -0.65	80
N50	1.39 - 1.44	13.9 - 14.4	≧860	≧10.8	≧955	≧12	374 - 406	47 - 51	310	-0.11 ~ -0.12	-0.60 ~ -0.65	80
N52	1.42 - 1.47	14.2 - 14.7	≧860	≧10.8	≧955	≧12	390 - 422	49 - 53	310	-0.11 ~ -0.12	-0.60 ~ -0.65	80
N55	1.46 - 1.50	14.6 - 15.0	≧860	≧10.8	≧955	≧12	406 - 438	51 - 55	310	-0.11 ~ -0.12	-0.60 ~ -0.65	80
N35M	1.17 - 1.22	11.7 - 12.2	≧892	≧11.2	≧1115	≧14	260 - 286	33 - 36	310	-0.11 ~ -0.12	-0.60 ~ -0.65	100
N38M	1.22 - 1.26	12.2 - 12.6	≧907	≧11.4	≧1115	≧14	286 - 303	36 - 38	310	-0.11 ~ -0.12	-0.60 ~ -0.65	100
N40M	1.26 - 1.28	12.6 - 12.8	≧907	≧11.4	≧1115	≧14	303 - 318	38 - 40	310	-0.11 ~ -0.12	-0.60 ~ -0.65	100
N42M	1.28 - 1.32	12.8 - 13.2	≧907	≧11.4	≧1115	≧14	318 - 334	40 - 42	310	-0.11 ~ -0.12	-0.60 ~ -0.65	100
N45M	1.34 - 1.38	13.4 - 13.8	≧907	≧11.4	≧1115	≧14	334 - 358	42 - 45	310	-0.11 ~ -0.12	-0.60 ~ -0.65	100
N48M	1.36 - 1.42	13.6 - 14.2	≧907	≧11.4	≧1115	≧14	358 - 382	45 - 48	310	-0.11 ~ -0.12	-0.60 ~ -0.65	100
N50M	1.39 - 1.44	13.9 - 14.4	≧1035	≧13.0	≧1115	≧14	374 - 406	47 - 51	310	-0.11 ~ -0.12	-0.60 ~ -0.65	100
N52M	1.42 - 1.47	14.2 - 14.7	≧995	≧12.5	≧1114	≧14	390 - 422	49 - 53	310	-0.11 ~ -0.12	-0.60 ~ -0.65	100
N33H	1.14 - 1.17	11.4 - 11.7	≧836	≧10.3	≧1356	≧17	247 - 263	31 - 33	320	-0.10 ~ -0.11	-0.58 ~ -0.62	120
N35H	1.17 - 1.22	11.7 - 12.2	≧860	≧10.8	≧1356	≧17	260 - 286	33 - 36	320	-0.10 ~ -0.11	-0.58 ~ -0.62	120
N38H	1.22 - 1.26	12.2 - 12.6	≧907	≧11.4	≧1356	≧17	286 - 303	36 - 38	320	-0.10 ~ -0.11	-0.58 ~ -0.62	120
N40H	1.26 - 1.28	12.6 - 12.8	≧907	≧11.4	≧1356	≧17	303 - 318	38 - 40	320	-0.10 ~ -0.11	-0.58 ~ -0.62	120
N42H	1.28 - 1.32	12.8 - 13.2	≧907	≧11.4	≧1356	≧17	318 - 334	40 - 42	320	-0.10 ~ -0.11	-0.58 ~ -0.62	120
N45H	1.33 - 1.36	13.3 - 13.6	≧907	≧11.4	≧1356	≧17	334 - 358	42 - 45	320	-0.10 ~ -0.11	-0.58 ~ -0.62	120
N48H	1.37 - 1.40	13.7 - 14.0	≧907	≧11.4	≧1356	≧17	358 - 382	45 - 48	320	-0.10 ~ -0.11	-0.58 ~ -0.62	120
N50H	1.39 - 1.44	13.9 - 14.4	≧1035	≧13.0	≧1356	≧17	374 - 406	47 - 51	320	-0.10 ~ -0.11	-0.58 ~ -0.62	120
N33SH	1.14 - 1.17	11.4 - 11.7	≧820	≧10.3	≧1595	≧20	247 - 263	31 - 33	330	-0.10 ~ -0.11	-0.55 ~ -0.60	150
N35SH	1.17 - 1.22	11.7 - 12.2	≧860	≧10.8	≧1595	≧20	260 - 286	33 - 36	330	-0.10 ~ -0.11	-0.55 ~ -0.60	150
N38SH	1.22 - 1.26	12.2 - 12.6	≧907	≧11.4	≧1595	≧20	286 - 303	36 - 38	330	-0.10 ~ -0.11	-0.55 ~ -0.60	150
N40SH	1.26 - 1.28	12.6 - 12.8	≧907	≧11.4	≧1595	≧20	303 - 318	38 - 40	330	-0.10 ~ -0.11	-0.55 ~ -0.60	150
N42SH	1.28 - 1.32	12.8 - 13.2	≧907	≧11.4	≧1595	≧20	318 - 334	40 - 42	320	-0.10 ~ -0.11	-0.55 ~ -0.60	150
N45SH	1.33 - 1.36	13.3 - 13.6	≧907	≧11.4	≧1595	≧20	334 - 358	43 - 45	320	-0.10 ~ -0.11	-0.55 ~ -0.60	150
N48SH	1.36 - 1.41	13.6 - 14.1	≧907	≧11.4	≧1592	≧20	358 - 382	45 - 48	320	-0.10 ~ -0.11	-0.55 ~ -0.60	150
N30UH	1.08 - 1.12	10.8 - 11.2	≧804	≧10.1	≧1990	≧25	223 - 239	28 - 30	340	-0.08 ~ -0.10	-0.50 ~ -0.55	180
N33UH	1.14 - 1.17	11.4 - 11.7	≧820	≧10.3	≧1990	≧25	247 - 263	31 - 33	340	-0.08 ~ -0.10	-0.50 ~ -0.55	180
N35UH	1.17 - 1.22	11.7 - 12.2	≧860	≧10.8	≧1990	≧25	260 - 286	33 - 36	340	-0.08 ~ -0.10	-0.50 ~ -0.55	180
N38UH	1.22 - 1.26	12.2 - 12.6	≧907	≧11.4	≧1990	≧25	286 - 303	36 - 38	340	-0.08 ~ -0.10	-0.50 ~ -0.55	180
N40UH	1.26 - 1.28	12.6 - 12.8	≧907	≧11.4	≧1990	≧25	303 - 318	38 - 40	340	-0.08 ~ -0.10	-0.50 ~ -0.55	180
N42UH	1.28 - 1.33	12.8 - 13.3	≧907	≧11.4	≧1990	≧25	318 - 334	40 - 42	340	-0.08 ~ -0.10	-0.50 ~ -0.55	180
N28EH	1.04 - 1.08	10.4 - 10.8	≧780	≧9.80	≧2387	≧30	207 - 223	26 - 28	360	-0.06 ~ -0.08	-0.48 ~ -0.55	200
N30EH	1.08 - 1.12	10.8 - 11.2	≧804	≧10.1	≧2387	≧30	223 - 239	28 - 30	360	-0.06 ~ -0.08	-0.48 ~ -0.55	200
N33EH	1.14 - 1.17	11.4 - 11.7	≧820	≧10.3	≧2387	≧30	247 - 263	31 - 33	360	-0.06 ~ -0.08	-0.48 ~ -0.55	200
N35EH	1.17 - 1.22	11.7 - 12.2	≧860	≧10.8	≧2387	≧30	270 - 286	33 - 36	360	-0.06 ~ -0.08	-0.48 ~ -0.55	200
N38EH	1.22 - 1.26	12.2 - 12.6	≧915	≧11.5	≧2387	≧30	286 - 303	36 - 38	360	-0.06 ~ -0.08	-0.48 ~ -0.55	200
N28AH	1.04 - 1.08	10.4 - 10.8	≧780	≧9.80	≧2706	≧34	207 - 223	26 - 28	380	-0.04 ~ -0.06	-0.45 ~ -0.50	220
N30AH	1.08 - 1.13	10.8 - 11.3	≧796	≧10.0	≧2706	≧34	223 - 247	28 - 31	380	-0.04 ~ -0.06	-0.45 ~ -0.50	220
N33AH	1.13 - 1.18	11.3 - 11.8	≧836	≧10.5	≧2706	≧34	247 - 271	31 - 34	380	-0.04 ~ -0.06	-0.45 ~ -0.50	220

〈注記〉 上記表は代表的な特性となります。お客様の要望内容に応じて、別グレードもご提案させていただきますので、別途お問合せ下さい。また、ご使用になれる国や地域によって、使用制限がございます。詳細につきましては、お問合せ下さい。