

Magnetic properties of sintered Nd-Fe-B magnets

Grades	Remanence		Coercive Force		Intrinsic Coercivity		Maximum Energy Product		Curie Temp.	Temp. Coefficient of Br	Temp. Coefficient of Hcj	Temp. Range (Reference)
	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

* The above table shows typical characteristics. We are happy to offer other grades according to your requirements. Please feel free to contact us.
There are restrictions on use depending on the country or region where the product is used. Please feel free to contact us for more details.