

ネオジム焼結磁石

Nd-Fe-B Sintering Magnet



MAGPROST QUALITY



株式会社 マグプロスト

ネオジム焼結磁石

Nd-Fe-B Sintering Magnet



●磁気特性一覧表

	残留磁束密度 Remanence Br	保磁力 Coercivity		最大エネルギー積 Max BH Product (BH) max	温度係数 (Br) Temperature Coefficient			焼結密度 Sintered Density																																																																																																																																																																																					
		Hcb	Hcj		Br	Hcj	温度範囲 Temp. range																																																																																																																																																																																						
		T kG	kA/m kOe		kA/m kOe	%/°C	%/°C		°C																																																																																																																																																																																				
ND-35	1.24 - 1.18	≧860	≧955	263 - 295	-0.12	-0.75	20 ~ 80	7.4																																																																																																																																																																																					
	12.40 - 11.80	≧10.8	≧12	33 - 37					ND-38	1.23 - 1.28	≧860	≧955	287 - 318	-0.12	-0.75	20 ~ 80	7.4	12.30 - 12.80	≧10.8	≧12	36 - 39	ND-40	1.27 - 1.31	≧876	≧955	302 - 326	-0.12	-0.73	20 ~ 80	7.45	12.70 - 13.10	≧11.0	≧12	37 - 40	ND-42	1.29 - 1.34	≧923	≧955	318 - 342	-0.12	-0.73	20 ~ 80	7.45	12.90 - 13.40	≧11.6	≧12	39 - 42	ND-45	1.33 - 1.37	≧876	≧955	342 - 366	-0.12	-0.70	20 ~ 80	7.5	13.30 - 13.70	≧11.0	≧12	42 - 45	ND-48	1.36 - 1.40	≧876	≧955	358 - 382	-0.12	-0.70	20 ~ 80	7.5	13.60 - 14.00	≧11.0	≧12	44 - 48	ND-50	1.40 - 1.42	≧860	≧876	374 - 398	-0.12	-0.70	20 ~ 80	7.55	14.00 - 14.20	≧10.8	≧11	47 - 50	ND-52	1.42 - 1.44	≧860	≧876	390 - 414	-0.12	-0.70	20 ~ 80	7.6	14.20 - 14.40	≧10.8	≧11	49 - 52	ND-35M	1.18 - 1.24	≧868	≧1114	263 - 295	-0.12	-0.70	20 ~ 100	7.40	11.80 - 12.40	≧10.9	≧14	33 - 37	ND-38M	1.23 - 1.28	≧899	≧1114	287 - 318	-0.12	-0.70	20 ~ 100	7.40	12.30 - 12.80	≧11.3	≧14	36 - 39	ND-40M	1.27 - 1.31	≧923	≧1114	302 - 334	-0.12	-0.70	20 ~ 100	7.45	12.70 - 13.10	≧11.6	≧14	37 - 41	ND-42M	1.29 - 1.34	≧955	≧1114	318 - 342	-0.12	-0.68	20 ~ 100	7.45	12.90 - 13.40	≧12.0	≧14	39 - 42	ND-45M	1.33 - 1.37	≧955	≧1114	342 - 366	-0.11	-0.68	20 ~ 100	7.50	13.30 - 13.70	≧12.5	≧14	42 - 45	ND-48M	1.36 - 1.40	≧1027	≧1114	358 - 382	-0.11	-0.68	20 ~ 100	7.55	13.60 - 14.00	≧12.9	≧14	44 - 48	ND-50M	1.40 - 1.42	≧1050	≧1114	374 - 398	-0.11	-0.68	20 ~ 100	7.55	14.00 - 14.20	≧13.2	≧14
ND-38	1.23 - 1.28	≧860	≧955	287 - 318	-0.12	-0.75		20 ~ 80		7.4																																																																																																																																																																																			
	12.30 - 12.80	≧10.8	≧12	36 - 39					ND-40		1.27 - 1.31	≧876	≧955	302 - 326	-0.12		-0.73	20 ~ 80	7.45	12.70 - 13.10	≧11.0	≧12	37 - 40	ND-42	1.29 - 1.34	≧923	≧955	318 - 342		-0.12	-0.73	20 ~ 80	7.45	12.90 - 13.40	≧11.6	≧12	39 - 42	ND-45	1.33 - 1.37	≧876	≧955		342 - 366	-0.12	-0.70	20 ~ 80	7.5	13.30 - 13.70	≧11.0	≧12	42 - 45	ND-48	1.36 - 1.40	≧876		≧955	358 - 382	-0.12	-0.70	20 ~ 80	7.5	13.60 - 14.00	≧11.0	≧12	44 - 48	ND-50	1.40 - 1.42		≧860	≧876	374 - 398	-0.12	-0.70	20 ~ 80	7.55	14.00 - 14.20	≧10.8	≧11	47 - 50	ND-52		1.42 - 1.44	≧860	≧876	390 - 414	-0.12	-0.70	20 ~ 80	7.6	14.20 - 14.40	≧10.8	≧11	49 - 52		ND-35M	1.18 - 1.24	≧868	≧1114	263 - 295	-0.12	-0.70	20 ~ 100	7.40	11.80 - 12.40	≧10.9	≧14		33 - 37	ND-38M	1.23 - 1.28	≧899	≧1114	287 - 318	-0.12	-0.70	20 ~ 100	7.40	12.30 - 12.80	≧11.3		≧14	36 - 39	ND-40M	1.27 - 1.31	≧923	≧1114	302 - 334	-0.12	-0.70	20 ~ 100	7.45	12.70 - 13.10		≧11.6	≧14	37 - 41	ND-42M	1.29 - 1.34	≧955	≧1114	318 - 342	-0.12	-0.68	20 ~ 100	7.45		12.90 - 13.40	≧12.0	≧14	39 - 42	ND-45M	1.33 - 1.37	≧955	≧1114	342 - 366	-0.11	-0.68	20 ~ 100		7.50	13.30 - 13.70	≧12.5	≧14	42 - 45	ND-48M	1.36 - 1.40	≧1027	≧1114	358 - 382	-0.11	-0.68		20 ~ 100	7.55	13.60 - 14.00	≧12.9	≧14	44 - 48	ND-50M	1.40 - 1.42	≧1050	≧1114	374 - 398	-0.11		-0.68	20 ~ 100	7.55	14.00 - 14.20
ND-40	1.27 - 1.31	≧876	≧955	302 - 326	-0.12	-0.73				20 ~ 80	7.45																																																																																																																																																																																		
	12.70 - 13.10	≧11.0	≧12	37 - 40					ND-42			1.29 - 1.34	≧923	≧955	318 - 342		-0.12		-0.73	20 ~ 80	7.45	12.90 - 13.40	≧11.6	≧12	39 - 42	ND-45	1.33 - 1.37	≧876		≧955	342 - 366		-0.12	-0.70	20 ~ 80	7.5	13.30 - 13.70	≧11.0	≧12	42 - 45	ND-48		1.36 - 1.40	≧876	≧955		358 - 382	-0.12	-0.70	20 ~ 80	7.5	13.60 - 14.00	≧11.0	≧12		44 - 48	ND-50	1.40 - 1.42	≧860		≧876	374 - 398	-0.12	-0.70	20 ~ 80	7.55	14.00 - 14.20		≧10.8	≧11	47 - 50	ND-52	1.42 - 1.44		≧860	≧876	390 - 414	-0.12	-0.70	20 ~ 80		7.6	14.20 - 14.40	≧10.8	≧11	49 - 52	ND-35M		1.18 - 1.24	≧868	≧1114	263 - 295	-0.12		-0.70	20 ~ 100	7.40	11.80 - 12.40	≧10.9	≧14	33 - 37		ND-38M	1.23 - 1.28	≧899	≧1114		287 - 318	-0.12	-0.70	20 ~ 100	7.40	12.30 - 12.80	≧11.3	≧14		36 - 39	ND-40M	1.27 - 1.31		≧923	≧1114	302 - 334	-0.12	-0.70	20 ~ 100	7.45	12.70 - 13.10	≧11.6		≧14	37 - 41		ND-42M	1.29 - 1.34	≧955	≧1114	318 - 342	-0.12	-0.68	20 ~ 100	7.45	12.90 - 13.40		≧12.0		≧14	39 - 42	ND-45M	1.33 - 1.37	≧955	≧1114	342 - 366	-0.11	-0.68	20 ~ 100	7.50			13.30 - 13.70	≧12.5	≧14	42 - 45	ND-48M	1.36 - 1.40	≧1027	≧1114	358 - 382	-0.11	-0.68	20 ~ 100			7.55	13.60 - 14.00	≧12.9	≧14	44 - 48	ND-50M	1.40 - 1.42	≧1050	≧1114	374 - 398	-0.11		-0.68		20 ~ 100	7.55
ND-42	1.29 - 1.34	≧923	≧955	318 - 342	-0.12	-0.73					20 ~ 80	7.45																																																																																																																																																																																	
	12.90 - 13.40	≧11.6	≧12	39 - 42					ND-45				1.33 - 1.37	≧876	≧955		342 - 366		-0.12		-0.70	20 ~ 80	7.5	13.30 - 13.70	≧11.0	≧12	42 - 45	ND-48		1.36 - 1.40	≧876		≧955	358 - 382		-0.12	-0.70	20 ~ 80	7.5	13.60 - 14.00	≧11.0		≧12	44 - 48	ND-50		1.40 - 1.42	≧860	≧876		374 - 398	-0.12	-0.70	20 ~ 80		7.55	14.00 - 14.20	≧10.8	≧11		47 - 50	ND-52	1.42 - 1.44	≧860		≧876	390 - 414		-0.12	-0.70	20 ~ 80	7.6	14.20 - 14.40		≧10.8	≧11	49 - 52	ND-35M	1.18 - 1.24			≧868	≧1114	263 - 295	-0.12	-0.70	20 ~ 100		7.40	11.80 - 12.40	≧10.9	≧14	33 - 37		ND-38M		1.23 - 1.28	≧899	≧1114	287 - 318	-0.12		-0.70	20 ~ 100	7.40	12.30 - 12.80		≧11.3	≧14	36 - 39		ND-40M	1.27 - 1.31	≧923	≧1114		302 - 334	-0.12	-0.70		20 ~ 100	7.45	12.70 - 13.10	≧11.6	≧14		37 - 41	ND-42M	1.29 - 1.34		≧955	≧1114		318 - 342	-0.12	-0.68	20 ~ 100	7.45	12.90 - 13.40	≧12.0		≧14	39 - 42		ND-45M		1.33 - 1.37	≧955	≧1114	342 - 366	-0.11	-0.68	20 ~ 100	7.50	13.30 - 13.70		≧12.5			≧14	42 - 45	ND-48M	1.36 - 1.40	≧1027	≧1114	358 - 382	-0.11	-0.68	20 ~ 100	7.55				13.60 - 14.00	≧12.9	≧14	44 - 48	ND-50M	1.40 - 1.42	≧1050	≧1114	374 - 398	-0.11	-0.68		20 ~ 100			7.55
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	13.30 - 13.70	≧11.0	≧12	42 - 45					ND-48					1.36 - 1.40	≧876		≧955		358 - 382		-0.12		-0.70	20 ~ 80	7.5	13.60 - 14.00	≧11.0	≧12		44 - 48	ND-50		1.40 - 1.42	≧860		≧876	374 - 398		-0.12	-0.70	20 ~ 80		7.55	14.00 - 14.20	≧10.8		≧11	47 - 50	ND-52		1.42 - 1.44	≧860	≧876			390 - 414	-0.12	-0.70	20 ~ 80		7.6	14.20 - 14.40	≧10.8	≧11		49 - 52	ND-35M		1.18 - 1.24	≧868		≧1114	263 - 295		-0.12	-0.70	20 ~ 100	7.40	11.80 - 12.40			≧10.9	≧14	33 - 37	ND-38M	1.23 - 1.28			≧899	≧1114	287 - 318	-0.12	-0.70		20 ~ 100		7.40	12.30 - 12.80	≧11.3	≧14	36 - 39		ND-40M		1.27 - 1.31	≧923		≧1114	302 - 334	-0.12		-0.70	20 ~ 100	7.45	12.70 - 13.10		≧11.6	≧14	37 - 41			ND-42M	1.29 - 1.34	≧955	≧1114		318 - 342	-0.12	-0.68		20 ~ 100	7.45		12.90 - 13.40	≧12.0	≧14		39 - 42	ND-45M	1.33 - 1.37		≧955	≧1114		342 - 366		-0.11	-0.68	20 ~ 100	7.50	13.30 - 13.70	≧12.5		≧14	42 - 45		ND-48M			1.36 - 1.40	≧1027	≧1114	358 - 382	-0.11	-0.68	20 ~ 100	7.55	13.60 - 14.00		≧12.9				≧14	44 - 48	ND-50M	1.40 - 1.42	≧1050	≧1114	374 - 398	-0.11	-0.68	20 ~ 100	7.55					14.00 - 14.20
ND-48	1.36 - 1.40	≧876	≧955	358 - 382	-0.12	-0.70							20 ~ 80	7.5																																																																																																																																																																															
	13.60 - 14.00	≧11.0	≧12	44 - 48					ND-50						1.40 - 1.42		≧860		≧876		374 - 398		-0.12		-0.70	20 ~ 80	7.55	14.00 - 14.20		≧10.8	≧11		47 - 50	ND-52		1.42 - 1.44	≧860		≧876	390 - 414			-0.12	-0.70	20 ~ 80		7.6	14.20 - 14.40	≧10.8		≧11	49 - 52	ND-35M			1.18 - 1.24	≧868	≧1114			263 - 295	-0.12	-0.70	20 ~ 100		7.40	11.80 - 12.40		≧10.9	≧14		33 - 37	ND-38M		1.23 - 1.28	≧899		≧1114	287 - 318			-0.12	-0.70	20 ~ 100	7.40	12.30 - 12.80			≧11.3	≧14	36 - 39	ND-40M	1.27 - 1.31				≧923	≧1114	302 - 334	-0.12	-0.70		20 ~ 100		7.45	12.70 - 13.10		≧11.6	≧14	37 - 41		ND-42M		1.29 - 1.34	≧955		≧1114	318 - 342	-0.12			-0.68	20 ~ 100	7.45	12.90 - 13.40		≧12.0	≧14	39 - 42			ND-45M		1.33 - 1.37	≧955	≧1114		342 - 366	-0.11	-0.68		20 ~ 100	7.50		13.30 - 13.70		≧12.5	≧14		42 - 45	ND-48M	1.36 - 1.40		≧1027	≧1114		358 - 382			-0.11	-0.68	20 ~ 100	7.55	13.60 - 14.00	≧12.9		≧14	44 - 48		ND-50M				1.40 - 1.42	≧1050	≧1114	374 - 398	-0.11	-0.68	20 ~ 100	7.55	14.00 - 14.20		≧13.2					≧14
ND-50	1.40 - 1.42	≧860	≧876	374 - 398	-0.12	-0.70								20 ~ 80	7.55																																																																																																																																																																														
	14.00 - 14.20	≧10.8	≧11	47 - 50					ND-52								1.42 - 1.44		≧860		≧876		390 - 414		-0.12		-0.70	20 ~ 80		7.6	14.20 - 14.40		≧10.8	≧11		49 - 52	ND-35M		1.18 - 1.24	≧868			≧1114	263 - 295			-0.12	-0.70	20 ~ 100		7.40	11.80 - 12.40	≧10.9			≧14	33 - 37	ND-38M			1.23 - 1.28	≧899	≧1114			287 - 318	-0.12		-0.70	20 ~ 100		7.40	12.30 - 12.80		≧11.3	≧14		36 - 39	ND-40M			1.27 - 1.31	≧923		≧1114	302 - 334			-0.12	-0.70	20 ~ 100	7.45	12.70 - 13.10				≧11.6	≧14	37 - 41	ND-42M	1.29 - 1.34				≧955	≧1114		318 - 342	-0.12	-0.68		20 ~ 100		7.45	12.90 - 13.40		≧12.0	≧14	39 - 42			ND-45M		1.33 - 1.37	≧955		≧1114	342 - 366	-0.11			-0.68		20 ~ 100	7.50	13.30 - 13.70		≧12.5	≧14	42 - 45			ND-48M		1.36 - 1.40		≧1027	≧1114		358 - 382	-0.11	-0.68		20 ~ 100	7.55		13.60 - 14.00			≧12.9	≧14		44 - 48	ND-50M	1.40 - 1.42		≧1050	≧1114		374 - 398				-0.11	-0.68	20 ~ 100	7.55	14.00 - 14.20	≧13.2		≧14	47 - 50							
ND-52	1.42 - 1.44	≧860	≧876	390 - 414	-0.12	-0.70									20 ~ 80		7.6																																																																																																																																																																												
	14.20 - 14.40	≧10.8	≧11	49 - 52					ND-35M										1.18 - 1.24		≧868		≧1114		263 - 295		-0.12			-0.70	20 ~ 100		7.40	11.80 - 12.40		≧10.9	≧14		33 - 37	ND-38M			1.23 - 1.28	≧899			≧1114	287 - 318			-0.12	-0.70	20 ~ 100			7.40	12.30 - 12.80	≧11.3			≧14	36 - 39	ND-40M			1.27 - 1.31	≧923		≧1114			302 - 334	-0.12		-0.70	20 ~ 100		7.45	12.70 - 13.10			≧11.6	≧14		37 - 41	ND-42M			1.29 - 1.34	≧955		≧1114	318 - 342				-0.12	-0.68	20 ~ 100	7.45	12.90 - 13.40				≧12.0	≧14		39 - 42	ND-45M	1.33 - 1.37				≧955	≧1114		342 - 366	-0.11	-0.68			20 ~ 100		7.50	13.30 - 13.70		≧12.5	≧14	42 - 45			ND-48M			1.36 - 1.40	≧1027		≧1114	358 - 382	-0.11			-0.68		20 ~ 100		7.55	13.60 - 14.00		≧12.9	≧14	44 - 48			ND-50M		1.40 - 1.42			≧1050	≧1114		374 - 398	-0.11	-0.68		20 ~ 100	7.55		14.00 - 14.20				≧13.2	≧14		47 - 50												
ND-35M	1.18 - 1.24	≧868	≧1114	263 - 295	-0.12	-0.70	20 ~ 100										7.40																																																																																																																																																																												
	11.80 - 12.40	≧10.9	≧14	33 - 37					ND-38M							1.23 - 1.28			≧899		≧1114		287 - 318		-0.12		-0.70		20 ~ 100	7.40			12.30 - 12.80	≧11.3		≧14	36 - 39		ND-40M	1.27 - 1.31		≧923	≧1114	302 - 334			-0.12	-0.70			20 ~ 100	7.45			12.70 - 13.10	≧11.6	≧14	37 - 41			ND-42M	1.29 - 1.34	≧955			≧1114	318 - 342	-0.12	-0.68			20 ~ 100	7.45		12.90 - 13.40			≧12.0	≧14		39 - 42	ND-45M	1.33 - 1.37		≧955	≧1114			342 - 366	-0.11		-0.68	20 ~ 100	7.50			13.30 - 13.70	≧12.5		≧14	42 - 45				ND-48M	1.36 - 1.40	≧1027	≧1114	358 - 382	-0.11				-0.68	20 ~ 100		7.55	13.60 - 14.00	≧12.9	≧14				44 - 48	ND-50M		1.40 - 1.42	≧1050	≧1114			374 - 398	-0.11		-0.68	20 ~ 100		7.55	14.00 - 14.20	≧13.2			≧14			47 - 50																																											
ND-38M	1.23 - 1.28	≧899	≧1114	287 - 318	-0.12	-0.70		20 ~ 100								7.40																																																																																																																																																																													
	12.30 - 12.80	≧11.3	≧14	36 - 39					ND-40M								1.27 - 1.31	≧923	≧1114		302 - 334		-0.12		-0.70		20 ~ 100			7.45		12.70 - 13.10	≧11.6	≧14		37 - 41	ND-42M		1.29 - 1.34	≧955		≧1114	318 - 342	-0.12		-0.68	20 ~ 100	7.45				12.90 - 13.40			≧12.0	≧14	39 - 42	ND-45M		1.33 - 1.37	≧955	≧1114	342 - 366			-0.11	-0.68	20 ~ 100	7.50				13.30 - 13.70	≧12.5	≧14			42 - 45	ND-48M		1.36 - 1.40	≧1027	≧1114		358 - 382	-0.11		-0.68	20 ~ 100	7.55		13.60 - 14.00		≧12.9			≧14	44 - 48		ND-50M	1.40 - 1.42	≧1050			≧1114	374 - 398	-0.11	-0.68	20 ~ 100	7.55				14.00 - 14.20		≧13.2	≧14	47 - 50																																																																							
ND-40M	1.27 - 1.31	≧923	≧1114	302 - 334	-0.12	-0.70				20 ~ 100						7.45																																																																																																																																																																													
	12.70 - 13.10	≧11.6	≧14	37 - 41					ND-42M								1.29 - 1.34	≧955	≧1114	318 - 342	-0.12		-0.68		20 ~ 100					7.45		12.90 - 13.40	≧12.0	≧14	39 - 42	ND-45M	1.33 - 1.37		≧955	≧1114		342 - 366	-0.11	-0.68		20 ~ 100		7.50		13.30 - 13.70		≧12.5			≧14	42 - 45	ND-48M	1.36 - 1.40		≧1027	≧1114	358 - 382	-0.11		-0.68	20 ~ 100	7.55		13.60 - 14.00				≧12.9	≧14	44 - 48			ND-50M	1.40 - 1.42	≧1050	≧1114	374 - 398	-0.11		-0.68	20 ~ 100		7.55		14.00 - 14.20		≧13.2		≧14		47 - 50																																																																																													
ND-42M	1.29 - 1.34	≧955	≧1114	318 - 342	-0.12	-0.68					20 ~ 100					7.45																																																																																																																																																																													
	12.90 - 13.40	≧12.0	≧14	39 - 42					ND-45M								1.33 - 1.37	≧955	≧1114	342 - 366	-0.11	-0.68	20 ~ 100							7.50		13.30 - 13.70	≧12.5	≧14	42 - 45	ND-48M	1.36 - 1.40	≧1027	≧1114	358 - 382		-0.11	-0.68	20 ~ 100				7.55		13.60 - 14.00		≧12.9		≧14	44 - 48	ND-50M	1.40 - 1.42	≧1050		≧1114	374 - 398	-0.11	-0.68		20 ~ 100		7.55		14.00 - 14.20		≧13.2		≧14	47 - 50																																																																																																																			
ND-45M	1.33 - 1.37	≧955	≧1114	342 - 366	-0.11	-0.68						20 ~ 100				7.50																																																																																																																																																																													
	13.30 - 13.70	≧12.5	≧14	42 - 45					ND-48M								1.36 - 1.40	≧1027	≧1114	358 - 382	-0.11	-0.68		20 ~ 100						7.55		13.60 - 14.00	≧12.9	≧14	44 - 48	ND-50M	1.40 - 1.42	≧1050	≧1114	374 - 398	-0.11	-0.68	20 ~ 100					7.55		14.00 - 14.20		≧13.2		≧14	47 - 50																																																																																																																																						
ND-48M	1.36 - 1.40	≧1027	≧1114	358 - 382	-0.11	-0.68							20 ~ 100			7.55																																																																																																																																																																													
	13.60 - 14.00	≧12.9	≧14	44 - 48					ND-50M								1.40 - 1.42	≧1050	≧1114	374 - 398	-0.11	-0.68				20 ~ 100				7.55		14.00 - 14.20	≧13.2	≧14	47 - 50																																																																																																																																																										
ND-50M	1.40 - 1.42	≧1050	≧1114	374 - 398	-0.11	-0.68								20 ~ 100		7.55																																																																																																																																																																													
	14.00 - 14.20	≧13.2	≧14	47 - 50																																																																																																																																																																																									

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ネオジム焼結磁石

Nd-Fe-B Sintering Magnet



●磁気特性一覧表

	残留磁束密度 Remanence Br	保磁力 Coercivity		最大エネルギー積 Max BH Product (BH) max	温度係数 (Br) Temperature Coefficient			焼結密度 Sintered Density																																																																																																																																																								
		Hcb	Hcj		Br	Hcj	温度範囲 Temp. range																																																																																																																																																									
		T kG	kA/m kOe		kA/m kOe	%/°C	%/°C		°C																																																																																																																																																							
ND-35H	1.18 - 1.24	≥868	≥1353	263 - 295	-0.12	-0.68	20 ~ 120	7.45																																																																																																																																																								
	11.80 - 12.40	≥10.9	≥17	33 - 37					ND-38H	1.23 - 1.28	≥899	≥1353	287 - 318	-0.12	-0.68	20 ~ 120	7.45	12.30 - 12.80	≥11.3	≥17	36 - 39	ND-40H	1.27 - 1.31	≥923	≥1353	302 - 326	-0.11	-0.68	20 ~ 120	7.50	12.70 - 13.10	≥11.6	≥17	37 - 40	ND-42H	1.29 - 1.33	≥955	≥1353	318 - 342	-0.11	-0.65	20 ~ 120	7.50	12.90 - 13.30	≥12.0	≥17	39 - 42	ND-45H	1.33 - 1.37	≥995	≥1274	342 - 366	-0.11	-0.65	20 ~ 120	7.55	13.30 - 13.70	≥12.5	≥16	42 - 45	ND-48H	1.36 - 1.40	≥1027	≥1274	358 - 382	-0.11	-0.65	20 ~ 120	7.60	13.60 - 14.00	≥12.9	≥16	44 - 48	ND-50H	1.38 - 1.42	≥1035	≥1274	374 - 398	-0.11	-0.65	20 ~ 120	7.60	13.80 - 14.20	≥13.0	≥16	47 - 50	ND-35SH	1.18 - 1.24	≥876	≥1592	263 - 295	-0.11	-0.6	20 ~ 150	7.50	11.80 - 12.40	≥11.0	≥20	33 - 37	ND-38SH	1.23 - 1.28	≥907	≥1592	287 - 310	-0.11	-0.6	20 ~ 150	7.50	12.30 - 12.80	≥11.4	≥20	36 - 38	ND-40SH	1.27 - 1.31	≥939	≥1592	302 - 326	-0.11	-0.58	20 ~ 150	7.55	12.70 - 13.10	≥11.8	≥20	37 - 40	ND-42SH	1.29 - 1.33	≥955	≥1592	318 - 342	-0.11	-0.58	20 ~ 150	7.55	12.90 - 13.30	≥12.0	≥20	39 - 42	ND-45SH	1.32 - 1.35	≥995	≥1592	334 - 358	-0.1	-0.58	20 ~ 150	7.60	13.20 - 13.50	≥12.5	≥20	41 - 44	ND-48SH	1.35 - 1.40	≥1019	≥1592	358 - 382	-0.1	-0.58	20 ~ 150	7.60
ND-38H	1.23 - 1.28	≥899	≥1353	287 - 318	-0.12	-0.68		20 ~ 120		7.45																																																																																																																																																						
	12.30 - 12.80	≥11.3	≥17	36 - 39					ND-40H		1.27 - 1.31	≥923	≥1353	302 - 326	-0.11		-0.68	20 ~ 120	7.50	12.70 - 13.10	≥11.6	≥17	37 - 40	ND-42H	1.29 - 1.33	≥955	≥1353	318 - 342		-0.11	-0.65	20 ~ 120	7.50	12.90 - 13.30	≥12.0	≥17	39 - 42	ND-45H	1.33 - 1.37	≥995	≥1274		342 - 366	-0.11	-0.65	20 ~ 120	7.55	13.30 - 13.70	≥12.5	≥16	42 - 45	ND-48H	1.36 - 1.40	≥1027		≥1274	358 - 382	-0.11	-0.65	20 ~ 120	7.60	13.60 - 14.00	≥12.9	≥16	44 - 48	ND-50H	1.38 - 1.42		≥1035	≥1274	374 - 398	-0.11	-0.65	20 ~ 120	7.60	13.80 - 14.20	≥13.0	≥16	47 - 50	ND-35SH		1.18 - 1.24	≥876	≥1592	263 - 295	-0.11	-0.6	20 ~ 150	7.50	11.80 - 12.40	≥11.0	≥20	33 - 37		ND-38SH	1.23 - 1.28	≥907	≥1592	287 - 310	-0.11	-0.6	20 ~ 150	7.50	12.30 - 12.80	≥11.4	≥20		36 - 38	ND-40SH	1.27 - 1.31	≥939	≥1592	302 - 326	-0.11	-0.58	20 ~ 150	7.55	12.70 - 13.10	≥11.8		≥20	37 - 40	ND-42SH	1.29 - 1.33	≥955	≥1592	318 - 342	-0.11	-0.58	20 ~ 150	7.55	12.90 - 13.30		≥12.0	≥20	39 - 42	ND-45SH	1.32 - 1.35	≥995	≥1592	334 - 358	-0.1	-0.58	20 ~ 150	7.60		13.20 - 13.50	≥12.5	≥20	41 - 44	ND-48SH	1.35 - 1.40	≥1019	≥1592	358 - 382	-0.1	-0.58	20 ~ 150		7.60
ND-40H	1.27 - 1.31	≥923	≥1353	302 - 326	-0.11	-0.68				20 ~ 120	7.50																																																																																																																																																					
	12.70 - 13.10	≥11.6	≥17	37 - 40					ND-42H			1.29 - 1.33	≥955	≥1353	318 - 342		-0.11		-0.65	20 ~ 120	7.50	12.90 - 13.30	≥12.0	≥17	39 - 42	ND-45H	1.33 - 1.37	≥995		≥1274	342 - 366		-0.11	-0.65	20 ~ 120	7.55	13.30 - 13.70	≥12.5	≥16	42 - 45	ND-48H		1.36 - 1.40	≥1027	≥1274		358 - 382	-0.11	-0.65	20 ~ 120	7.60	13.60 - 14.00	≥12.9	≥16		44 - 48	ND-50H	1.38 - 1.42	≥1035		≥1274	374 - 398	-0.11	-0.65	20 ~ 120	7.60	13.80 - 14.20		≥13.0	≥16	47 - 50	ND-35SH	1.18 - 1.24		≥876	≥1592	263 - 295	-0.11	-0.6	20 ~ 150		7.50	11.80 - 12.40	≥11.0	≥20	33 - 37	ND-38SH		1.23 - 1.28	≥907	≥1592	287 - 310	-0.11		-0.6	20 ~ 150	7.50	12.30 - 12.80	≥11.4	≥20	36 - 38		ND-40SH	1.27 - 1.31	≥939	≥1592		302 - 326	-0.11	-0.58	20 ~ 150	7.55	12.70 - 13.10	≥11.8	≥20		37 - 40	ND-42SH	1.29 - 1.33		≥955	≥1592	318 - 342	-0.11	-0.58	20 ~ 150	7.55	12.90 - 13.30	≥12.0		≥20	39 - 42		ND-45SH	1.32 - 1.35	≥995	≥1592	334 - 358	-0.1	-0.58	20 ~ 150	7.60	13.20 - 13.50		≥12.5		≥20	41 - 44	ND-48SH	1.35 - 1.40	≥1019	≥1592	358 - 382	-0.1	-0.58	20 ~ 150	7.60			13.50 - 14.00
ND-42H	1.29 - 1.33	≥955	≥1353	318 - 342	-0.11	-0.65					20 ~ 120	7.50																																																																																																																																																				
	12.90 - 13.30	≥12.0	≥17	39 - 42					ND-45H				1.33 - 1.37	≥995	≥1274		342 - 366		-0.11		-0.65	20 ~ 120	7.55	13.30 - 13.70	≥12.5	≥16	42 - 45	ND-48H		1.36 - 1.40	≥1027		≥1274	358 - 382		-0.11	-0.65	20 ~ 120	7.60	13.60 - 14.00	≥12.9		≥16	44 - 48	ND-50H		1.38 - 1.42	≥1035	≥1274		374 - 398	-0.11	-0.65	20 ~ 120		7.60	13.80 - 14.20	≥13.0	≥16		47 - 50	ND-35SH	1.18 - 1.24	≥876		≥1592	263 - 295		-0.11	-0.6	20 ~ 150	7.50	11.80 - 12.40		≥11.0	≥20	33 - 37	ND-38SH	1.23 - 1.28			≥907	≥1592	287 - 310	-0.11	-0.6	20 ~ 150		7.50	12.30 - 12.80	≥11.4	≥20	36 - 38		ND-40SH		1.27 - 1.31	≥939	≥1592	302 - 326	-0.11		-0.58	20 ~ 150	7.55	12.70 - 13.10		≥11.8	≥20	37 - 40		ND-42SH	1.29 - 1.33	≥955	≥1592		318 - 342	-0.11	-0.58		20 ~ 150	7.55	12.90 - 13.30	≥12.0	≥20		39 - 42	ND-45SH	1.32 - 1.35		≥995	≥1592		334 - 358	-0.1	-0.58	20 ~ 150	7.60	13.20 - 13.50	≥12.5		≥20	41 - 44		ND-48SH		1.35 - 1.40	≥1019	≥1592	358 - 382	-0.1	-0.58	20 ~ 150	7.60	13.50 - 14.00		≥12.8			≥20
ND-45H	1.33 - 1.37	≥995	≥1274	342 - 366	-0.11	-0.65						20 ~ 120	7.55																																																																																																																																																			
	13.30 - 13.70	≥12.5	≥16	42 - 45					ND-48H					1.36 - 1.40	≥1027		≥1274		358 - 382		-0.11		-0.65	20 ~ 120	7.60	13.60 - 14.00	≥12.9	≥16		44 - 48	ND-50H		1.38 - 1.42	≥1035		≥1274	374 - 398		-0.11	-0.65	20 ~ 120		7.60	13.80 - 14.20	≥13.0		≥16	47 - 50	ND-35SH		1.18 - 1.24	≥876	≥1592			263 - 295	-0.11	-0.6	20 ~ 150		7.50	11.80 - 12.40	≥11.0	≥20		33 - 37	ND-38SH		1.23 - 1.28	≥907		≥1592	287 - 310		-0.11	-0.6	20 ~ 150	7.50	12.30 - 12.80			≥11.4	≥20	36 - 38	ND-40SH	1.27 - 1.31			≥939	≥1592	302 - 326	-0.11	-0.58		20 ~ 150		7.55	12.70 - 13.10	≥11.8	≥20	37 - 40		ND-42SH		1.29 - 1.33	≥955		≥1592	318 - 342	-0.11		-0.58	20 ~ 150	7.55	12.90 - 13.30		≥12.0	≥20	39 - 42			ND-45SH	1.32 - 1.35	≥995	≥1592		334 - 358	-0.1	-0.58		20 ~ 150	7.60		13.20 - 13.50	≥12.5	≥20		41 - 44	ND-48SH	1.35 - 1.40		≥1019	≥1592		358 - 382		-0.1	-0.58	20 ~ 150	7.60	13.50 - 14.00	≥12.8		≥20	44 - 48					
ND-48H	1.36 - 1.40	≥1027	≥1274	358 - 382	-0.11	-0.65							20 ~ 120	7.60																																																																																																																																																		
	13.60 - 14.00	≥12.9	≥16	44 - 48					ND-50H						1.38 - 1.42		≥1035		≥1274		374 - 398		-0.11		-0.65	20 ~ 120	7.60	13.80 - 14.20		≥13.0	≥16		47 - 50	ND-35SH		1.18 - 1.24	≥876		≥1592	263 - 295			-0.11	-0.6	20 ~ 150		7.50	11.80 - 12.40	≥11.0		≥20	33 - 37	ND-38SH			1.23 - 1.28	≥907	≥1592			287 - 310	-0.11	-0.6	20 ~ 150		7.50	12.30 - 12.80		≥11.4	≥20		36 - 38	ND-40SH		1.27 - 1.31	≥939		≥1592	302 - 326			-0.11	-0.58	20 ~ 150	7.55	12.70 - 13.10			≥11.8	≥20	37 - 40	ND-42SH	1.29 - 1.33				≥955	≥1592	318 - 342	-0.11	-0.58		20 ~ 150		7.55	12.90 - 13.30		≥12.0	≥20	39 - 42		ND-45SH		1.32 - 1.35	≥995		≥1592	334 - 358	-0.1			-0.58	20 ~ 150	7.60	13.20 - 13.50		≥12.5	≥20	41 - 44			ND-48SH		1.35 - 1.40	≥1019	≥1592		358 - 382	-0.1	-0.58		20 ~ 150	7.60		13.50 - 14.00		≥12.8	≥20		44 - 48										
ND-50H	1.38 - 1.42	≥1035	≥1274	374 - 398	-0.11	-0.65	20 ~ 120							7.60																																																																																																																																																		
	13.80 - 14.20	≥13.0	≥16	47 - 50					ND-35SH						1.18 - 1.24	≥876	≥1592		263 - 295		-0.11		-0.6		20 ~ 150		7.50	11.80 - 12.40	≥11.0	≥20	33 - 37		ND-38SH	1.23 - 1.28		≥907	≥1592		287 - 310	-0.11		-0.6	20 ~ 150	7.50			12.30 - 12.80	≥11.4	≥20		36 - 38	ND-40SH	1.27 - 1.31		≥939	≥1592	302 - 326	-0.11			-0.58	20 ~ 150	7.55			12.70 - 13.10	≥11.8	≥20	37 - 40	ND-42SH		1.29 - 1.33	≥955		≥1592	318 - 342		-0.11	-0.58		20 ~ 150	7.55	12.90 - 13.30		≥12.0	≥20			39 - 42	ND-45SH	1.32 - 1.35	≥995	≥1592	334 - 358			-0.1	-0.58	20 ~ 150	7.60	13.20 - 13.50				≥12.5	≥20	41 - 44	ND-48SH	1.35 - 1.40	≥1019		≥1592		358 - 382	-0.1		-0.58	20 ~ 150	7.60	13.50 - 14.00		≥12.8		≥20	44 - 48																																			
ND-35SH	1.18 - 1.24	≥876	≥1592	263 - 295	-0.11	-0.6		20 ~ 150						7.50																																																																																																																																																		
	11.80 - 12.40	≥11.0	≥20	33 - 37					ND-38SH						1.23 - 1.28	≥907	≥1592	287 - 310	-0.11		-0.6		20 ~ 150				7.50	12.30 - 12.80	≥11.4	≥20	36 - 38	ND-40SH	1.27 - 1.31	≥939		≥1592	302 - 326		-0.11	-0.58		20 ~ 150		7.55		12.70 - 13.10	≥11.8	≥20	37 - 40		ND-42SH	1.29 - 1.33	≥955		≥1592	318 - 342	-0.11	-0.58		20 ~ 150	7.55		12.90 - 13.30			≥12.0	≥20	39 - 42	ND-45SH	1.32 - 1.35		≥995	≥1592	334 - 358	-0.1	-0.58		20 ~ 150	7.60			13.20 - 13.50	≥12.5		≥20	41 - 44		ND-48SH	1.35 - 1.40	≥1019	≥1592	358 - 382	-0.1	-0.58			20 ~ 150	7.60		13.50 - 14.00	≥12.8	≥20			44 - 48																																																							
ND-38SH	1.23 - 1.28	≥907	≥1592	287 - 310	-0.11	-0.6				20 ~ 150				7.50																																																																																																																																																		
	12.30 - 12.80	≥11.4	≥20	36 - 38					ND-40SH						1.27 - 1.31	≥939	≥1592	302 - 326	-0.11	-0.58	20 ~ 150						7.55	12.70 - 13.10	≥11.8	≥20	37 - 40	ND-42SH	1.29 - 1.33	≥955	≥1592	318 - 342	-0.11		-0.58	20 ~ 150				7.55		12.90 - 13.30	≥12.0	≥20	39 - 42	ND-45SH	1.32 - 1.35	≥995	≥1592		334 - 358	-0.1	-0.58	20 ~ 150			7.60		13.20 - 13.50		≥12.5	≥20	41 - 44	ND-48SH	1.35 - 1.40	≥1019		≥1592	358 - 382	-0.1	-0.58	20 ~ 150			7.60	13.50 - 14.00		≥12.8	≥20		44 - 48																																																																											
ND-40SH	1.27 - 1.31	≥939	≥1592	302 - 326	-0.11	-0.58					20 ~ 150			7.55																																																																																																																																																		
	12.70 - 13.10	≥11.8	≥20	37 - 40					ND-42SH						1.29 - 1.33	≥955	≥1592	318 - 342	-0.11	-0.58		20 ~ 150					7.55	12.90 - 13.30	≥12.0	≥20	39 - 42	ND-45SH	1.32 - 1.35	≥995	≥1592	334 - 358	-0.1	-0.58	20 ~ 150					7.60		13.20 - 13.50	≥12.5	≥20	41 - 44	ND-48SH	1.35 - 1.40	≥1019	≥1592	358 - 382	-0.1	-0.58	20 ~ 150				7.60		13.50 - 14.00		≥12.8	≥20	44 - 48																																																																																													
ND-42SH	1.29 - 1.33	≥955	≥1592	318 - 342	-0.11	-0.58						20 ~ 150		7.55																																																																																																																																																		
	12.90 - 13.30	≥12.0	≥20	39 - 42					ND-45SH						1.32 - 1.35	≥995	≥1592	334 - 358	-0.1	-0.58				20 ~ 150			7.60	13.20 - 13.50	≥12.5	≥20	41 - 44	ND-48SH	1.35 - 1.40	≥1019	≥1592	358 - 382	-0.1	-0.58			20 ~ 150			7.60		13.50 - 14.00	≥12.8	≥20	44 - 48																																																																																																															
ND-45SH	1.32 - 1.35	≥995	≥1592	334 - 358	-0.1	-0.58							20 ~ 150	7.60																																																																																																																																																		
	13.20 - 13.50	≥12.5	≥20	41 - 44					ND-48SH						1.35 - 1.40	≥1019	≥1592	358 - 382	-0.1	-0.58						20 ~ 150	7.60	13.50 - 14.00	≥12.8	≥20	44 - 48																																																																																																																																	
ND-48SH	1.35 - 1.40	≥1019	≥1592	358 - 382	-0.1	-0.58	20 ~ 150							7.60																																																																																																																																																		
	13.50 - 14.00	≥12.8	≥20	44 - 48																																																																																																																																																												

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ネオジム焼結磁石

Nd-Fe-B Sintering Magnet



●磁気特性一覧表

	残留磁束密度 Remanece Br	保磁力 Coercivity		最大エネルギー積 Max BH Product (BH) max	温度係数 (Br) Temperature Coefficient			焼結密度 Sintered Density				
		Hcb	Hcj		Br	Hcj	温度範囲 Temp. range					
		T kG	kA/m kOe		kA/m kOe	%/°C	%/°C		°C			
ND-30UH	1.08 - 1.14	≧812	≧1990	223 - 255	-0.11	-0.55	20 ~ 180	7.50				
	10.80 - 11.40	≧10.2	≧25	28 - 32								
ND-33UH	1.13 - 1.19	≧852	≧1990	247 - 271	-0.11	-0.55		20 ~ 180	7.55			
	11.30 - 11.90	≧10.7	≧25	31 - 34								
ND-35UH	1.18 - 1.23	≧892	≧1990	263 - 287	-0.11	-0.55			20 ~ 180	7.55		
	11.80 - 12.30	≧11.2	≧25	33 - 36								
ND-38UH	1.22 - 1.27	≧931	≧1990	287 - 310	-0.11	-0.55				20 ~ 180	7.60	
	12.20 - 12.70	≧11.7	≧25	36 - 38								
ND-40UH	1.26 - 1.31	≧971	≧1990	302 - 326	-0.10	-0.55					20 ~ 180	7.60
	12.60 - 13.10	≧12.2	≧25	37 - 40								
ND-42UH	1.28 - 1.32	≧987	≧1990	310 - 334	-0.10	-0.55	20 ~ 180					7.60
	12.80 - 13.20	≧12.4	≧25	38 - 41								
ND-30EH	1.08 - 1.14	≧812	≧2388	223 - 255	-0.10	-0.50		20 ~ 200				7.55
	10.80 - 11.40	≧10.2	≧30	28 - 32								
ND-33EH	1.13 - 1.19	≧852	≧2388	247 - 271	-0.10	-0.50			20 ~ 200			7.55
	11.30 - 11.90	≧10.0	≧30	31 - 34								
ND-35EH	1.18 - 1.23	≧892	≧2388	263 - 287	-0.10	-0.50				20 ~ 200		7.60
	11.80 - 12.30	≧11.0	≧30	33 - 36								
ND-38EH	1.22 - 1.27	≧931	≧2388	279 - 310	-0.10	-0.50		20 ~ 200			7.60	
	12.20 - 12.70	≧11.0	≧30	35 - 38								
ND-30TH	1.08 - 1.13	≧812	≧2627	223 - 247	-0.10	0.45	20 ~ 250		7.65			
	10.80 - 11.30	≧10.2	≧33	28 - 31								
ND-33TH	1.13 - 1.17	≧852	≧2627	247 - 271	-0.10	-0.45			20 ~ 250	7.65		
	11.30 - 11.70	≧10.7	≧33	31 - 34								

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