

ネオジム磁石 (NdFeB)

材質 記号 Grade	残留磁束密度 Br		保磁力 Hcb		保磁力 Hcj		最大エネルギー積 (BH) max		密度 Density	工作温度 Tw Max
	kGs	mT	kOe	kA/m	kOe	kA/m	MGOe	KJ/m3	g/cm3	°C
N35	11.7-12.2	1170-1220	≥10.9	≥869	≥12	≥955	33-36	263-287	7.5	80
N38	12.2-12.5	1220-1250	≥11.3	≥899	≥12	≥955	36-39	287-310	7.5	80
N40	12.5-12.8	1250-1280	≥11.4	≥907	≥12	≥955	38-41	302-326	7.5	80
N42	12.8-13.2	1280-1320	≥11.5	≥915	≥12	≥955	40-43	318-342	7.5	80
N45	13.2-13.8	1320-1380	≥11.6	≥923	≥12	≥955	43-46	342-366	7.5	80
N48	13.8-14.2	1380-1420	≥10.5	≥836	≥12	≥955	46-49	366-390	7.5	80
N50	14.0-14.5	1400-1450	≥10.0	≥796	≥11	≥876	48-51	382-406	7.5	80
N52	14.3-14.8	1430-1480	≥10.0	≥796	≥11	≥876	50-53	398-422	7.5	80
N55	14.6-15.0	1460-1500	≥10.0	≥796	≥11	≥876	53-56	422-446	7.5	80
30M	10.8-11.3	1080-1130	≥10.0	≥796	≥14	≥1114	28-31	223-247	7.5	100
33M	11.3-11.7	1130-1170	≥10.5	≥836	≥14	≥1114	31-33	247-263	7.5	100
35M	11.7-12.2	1170-1220	≥10.9	≥868	≥14	≥1114	33-36	263-287	7.5	100
38M	12.2-12.5	1220-1250	≥11.3	≥899	≥14	≥1114	36-39	287-310	7.5	100
40M	12.5-12.8	1250-1280	≥11.6	≥923	≥14	≥1114	38-41	302-326	7.5	100
42M	12.8-13.2	1280-1320	≥12.0	≥955	≥14	≥1114	40-43	318-342	7.5	100
45M	13.2-13.8	1320-1380	≥12.5	≥995	≥14	≥1114	43-46	342-366	7.5	100
48M	13.6-14.3	1360-1430	≥12.9	≥1027	≥14	≥1114	46-49	366-390	7.5	100
50M	14.0-14.5	1400-1450	≥13.0	≥1033	≥14	≥1114	48-51	382-406	7.5	100
52M	14.2-14.7	1420-1470	≥13.3	≥1056	≥14	≥1114	49-53	390-422	7.5	100
30H	10.8-11.3	1080-1130	≥10.0	≥796	≥17	≥1353	28-31	223-247	7.5	120
33H	11.3-11.7	1130-1170	≥10.5	≥836	≥17	≥1353	31-34	247-271	7.5	120
35H	11.7-12.2	1170-1220	≥10.9	≥868	≥17	≥1353	33-36	263-287	7.5	120
38H	12.2-12.5	1220-1250	≥11.3	≥899	≥17	≥1353	36-39	287-310	7.5	120
40H	12.5-12.8	1250-1280	≥11.6	≥923	≥17	≥1353	38-41	302-326	7.5	120
42H	12.8-13.2	1280-1320	≥12.0	≥955	≥17	≥1353	40-43	318-342	7.5	120
45H	13.0-13.6	1300-1360	≥12.1	≥963	≥17	≥1353	43-46	326-358	7.5	120
48H	13.7-14.3	1370-1430	≥12.5	≥995	≥17	≥1353	46-49	366-390	7.5	120
50H	14.0-14.5	1400-1450	≥12.8	≥1020	≥17	≥1353	48-51	382-406	7.5	120
52H	14.2-14.7	1420-1470	≥13.3	≥1056	≥17	≥1353	49-53	390-422	7.5	120

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	kGs	mT	kOe	kA/m	kOe	kA/m	MGOe	KJ/m3	g/cm3	°C
30SH	10.8-11.3	1080-1130	≥10.1	≥804	≥20	≥1592	28-31	223-247	7.5	150
33SH	11.3-11.7	1130-1170	≥10.6	≥844	≥20	≥1592	31-34	247-271	7.5	150
35SH	11.7-12.2	1170-1220	≥11.0	≥876	≥20	≥1592	33-36	263-287	7.5	150
38SH	12.2-12.5	1220-1250	≥11.4	≥907	≥20	≥1592	36-39	287-310	7.5	150
40SH	12.5-12.8	1240-1280	≥11.8	≥939	≥20	≥1592	38-41	302-326	7.5	150
42SH	12.8-13.2	1280-1320	≥12.4	≥987	≥20	≥1592	40-43	318-342	7.5	150
45SH	13.2-13.8	1320-1380	≥12.6	≥1003	≥20	≥1592	43-46	342-366	7.5	150
48SH	13.6-14.3	1360-1430	≥13.0	≥1020	≥20	≥1592	46-49	366-390	7.5	150
50SH	13.9-14.5	1390-1450	≥13.0	≥1020	≥20	≥1592	47-51	374-406	7.5	150
28UH	10.2-10.8	1020-1080	≥9.6	≥764	≥25	≥1990	26-29	207-231	7.5	180
30UH	10.8-11.3	1080-1130	≥10.2	≥812	≥25	≥1990	28-31	223-247	7.5	180
33UH	11.3-11.7	1130-1170	≥10.7	≥852	≥25	≥1990	31-34	247-271	7.5	180
35UH	11.8-12.2	1180-1220	≥10.8	≥860	≥25	≥1990	33-36	263-287	7.5	180
38UH	12.2-12.5	1220-1250	≥11.0	≥876	≥25	≥1990	36-39	287-310	7.5	180
40UH	12.5-12.8	1240-1280	≥11.3	≥899	≥25	≥1990	38-41	302-326	7.5	180
42UH	12.8-13.2	1280-1320	≥11.5	≥910	≥25	≥1990	40-43	318-342	7.5	180
45UH	13.2-13.8	1320-1380	≥11.8	≥930	≥25	≥1990	43-46	342-366	7.5	180
28EH	10.4-10.9	1040-1090	≥9.8	≥780	≥30	≥2388	26-29	207-231	7.5	200
30EH	10.8-11.3	1080-1130	≥10.2	≥812	≥30	≥2388	28-31	223-247	7.5	200
33EH	11.3-11.7	1130-1170	≥10.5	≥836	≥30	≥2388	31-34	247-271	7.5	200
35EH	11.7-12.2	1170-1220	≥11.0	≥876	≥30	≥2388	33-36	263-287	7.5	200
38EH	12.2-12.5	1220-1250	≥11.3	≥899	≥30	≥2388	36-39	287-310	7.5	200
40EH	12.5-13.0	1250-1300	≥11.9	≥948	≥30	≥2388	38-41	302-326	7.5	200
42EH	12.8-13.4	1280-1340	≥12.2	≥970	≥30	≥2388	40-43	318-342	7.5	200
28AH	10.4-10.9	1040-1090	≥9.9	≥787	≥33	≥2624	26-29	207-231	7.5	220
30AH	10.8-11.3	1080-1130	≥10.3	≥819	≥33	≥2624	28-31	223-247	7.5	220
33AH	11.3-11.7	1130-1170	≥10.6	≥843	≥33	≥2624	31-34	247-271	7.5	220
35AH	11.7-12.5	1170-1250	≥11.0	≥876	≥35	≥2786	33-37	263-295	7.5	220
*28VH	10.2-10.9	1020-1090	≥9.7	≥773	≥39	≥3104	25-29	199-231	7.5	250
*30VH	10.8-11.4	1080-1140	≥10.3	≥819	≥39	≥3104	27-31	215-247	7.5	250
*33VH	11.3-11.8	1130-1180	≥10.8	≥857	≥39	≥3104	30-34	239-271	7.5	250
*35VH	11.7-12.2	1170-1220	≥11.1	≥887	≥39	≥3104	33-36	263-287	7.5	250
*38VH	12.2-12.7	1220-1270	≥11.6	≥925	≥39	≥3104	35-39	287-310	7.5	250

* VH材は量産のみ対応