



Typical Magnetic Properties of Sintered NdFeB Materials

Grade	Remanence		Coercivity				Energy Density		Max
	Br		Hcb		Hcj		BHmax		Op. Temp
	mT	kGs	KA/m	kOe	KA/m	kOe	KJ/m ³	MGOe	°C
N35	1170-1220	11.7-12.2	≥868	≥10.9	≥955	≥12	33-36	263-287	80
N38	1220-1250	12.2-12.5	≥899	≥11.3	≥955	≥12	36-39	287-310	80
N40	1250-1280	12.5-12.8	≥923	≥11.6	≥955	≥12	38-41	302-326	80
N42	1280-1320	12.8-13.2	≥923	≥11.6	≥955	≥12	40-43	318-342	80
N45	1320-1370	13.2-13.7	≥876	≥11	≥955	≥12	43-46	342-366	80
N48	1360-1420	13.6-14.2	≥835	≥10.5	≥955	≥12	46-49	366-390	80
N50	1390-1440	13.9-14.4	≥835	≥10	≥876	≥11	48-51	382-406	60
N52	1420-1470	14.2-14.7	≥796	≥10	≥876	≥11	50-53	398-422	60
N55	1460-1520	14.6-15.2	≥796	≥10	≥876	≥11	53-55	422-438	60
N35M	1170-1220	11.7-12.2	≥868	≥10.9	≥1120	≥14	33-36	263-287	100
N38M	1220-1250	12.2-12.5	≥899	≥11.3	≥1120	≥14	36-39	287-310	100
N40M	1250-1280	12.5-12.8	≥923	≥11.6	≥1120	≥14	38-41	302-326	100
N42M	1280-1320	12.8-13.2	≥955	≥12	≥1120	≥14	40-43	318-342	100
N45M	1320-1370	13.2-13.7	≥995	≥12.5	≥1120	≥14	43-46	342-366	100
N48M	1360-1420	13.6-14.2	≥1033	≥13	≥1120	≥14	46-49	366-390	100
N50M	1390-1440	13.9-14.4	≥1033	≥13	≥1114	≥14	48-51	382-406	100
N52M	1420-1470	14.2-14.7	≥1033	≥13	≥1114	≥14	50-53	398-422	100
N35H	1170-1220	11.7-12.2	≥868	≥10.9	≥1353	≥17	33-36	263-287	120
N38H	1220-1250	12.2-12.5	≥899	≥11.3	≥1353	≥17	36-39	287-310	120
N40H	1250-1280	12.5-12.8	≥923	≥11.6	≥1353	≥17	38-41	302-326	120
N42H	1280-1320	12.8-13.2	≥955	≥12	≥1353	≥17	40-43	318-342	120
N45H	1320-1370	13.2-13.7	≥955	≥12	≥1353	≥17	43-46	342-366	120
N48H	1360-1420	13.6-14.2	≥995	≥12.5	≥1273	≥16	46-49	366-390	120
N50H	1390-1440	13.9-14.4	≥1027	≥12.9	≥1273	≥16	48-51	382-406	120
N33SH	1130-1170	11.3-11.7	≥844	≥10.6	≥1592	≥20	31-34	247-271	150
N35SH	1170-1220	11.7-12.2	≥876	≥11	≥1592	≥20	33-36	263-287	150
N38SH	1220-1250	12.2-12.5	≥907	≥11.4	≥1592	≥20	36-39	287-310	150
N40SH	1250-1280	12.5-12.8	≥939	≥11.8	≥1600	≥20	38-41	302-326	150
N42SH	1280-1320	12.8-13.2	≥963	≥12	≥1592	≥20	40-43	318-342	150
N45SH	1320-1370	13.2-13.7	≥1003	≥12.6	≥1592	≥20	43-46	342-366	150
N48SH	1360-1420	13.6-14.2	≥1003	≥12.6	≥1512	≥19	45-49	358-390	150
N30UH	1080-1130	10.8-11.3	≥812	≥10.2	≥1990	≥25	28-31	223-247	180
N33UH	1130-1170	11.3-11.7	≥852	≥10.7	≥1990	≥25	31-34	247-271	180
N35UH	1170-1220	11.7-12.2	≥860	≥10.8	≥1990	≥25	33-36	263-287	180
N38UH	1220-1250	12.2-12.5	≥876	≥11	≥1990	≥25	36-39	287-310	180
N40UH	1250-1280	12.5-12.8	≥899	≥11.3	≥1990	≥25	38-41	302-326	180
N42UH	1270-1320	12.7-13.2	≥899	≥11.3	≥1990	≥25	40-43	318-342	180
N30EH	1080-1130	10.8-11.3	≥812	≥10.2	≥2380	≥30	28-31	223-247	200
N33EH	1130-1170	11.3-11.7	≥836	≥10.5	≥2380	≥30	31-34	247-271	200
N35EH	1170-1220	11.7-12.2	≥876	≥11	≥2380	≥30	33-36	263-287	200
N38EH	1200-1250	12-12.5	≥899	≥11.3	≥2380	≥30	36-39	287-310	200
N28AH	1020-1090	10.2-10.9	≥772	≥9.7	≥2786	≥35	26-29	207-231	220
N30AH	1070-1130	10.7-11.3	≥812	≥10.2	≥2786	≥35	28-31	223-247	220
N33AH	1110-1170	11.1-11.7	≥851	≥10.7	≥2786	≥35	31-34	247-271	220