



Magnetic property parameters of sintered Nd-Fe-B

Grade	Residual Induction Br(min)		Coercive Force Hcb(min)		Intrinsic Coercive Force Hcj(min)		Maximum Energy Product (BH)max		Max Working Temp(°C)
	mT	KGs	KA/m	Koe	KA/m	Koe	KJ/m ³	MGOe	
N35	1170-1220	11.7-12.2	≥868	≥10.9	≥955	≥12.0	263-287	33-36	80
N38	1220-1250	12.2-12.5	≥899	≥11.3	≥955	≥12.0	287-310	36-39	80
N40	1250-1280	12.5-12.8	≥907	≥11.4	≥955	≥12.0	302-326	38-41	80
N42	1280-1320	12.8-13.2	≥915	≥11.5	≥955	≥12.0	318-342	40-43	80
N45	1320-1380	13.2-13.8	≥923	≥11.6	≥955	≥12.0	342-366	43-46	80
N48	1380-1420	13.8-14.2	≥923	≥11.6	≥955	≥12.0	366-390	46-49	80
N50	1400-1450	14.0-14.5	≥796	≥10.0	≥876	≥11.0	382-406	48-51	80
N52	1430-1480	14.3-14.8	≥796	≥10.0	≥876	≥11.0	398-422	50-53	80
N33M	1130-1170	11.3-11.7	≥836	≥10.5	≥1114	≥14	247-263	31-33	100
N35M	1170-1220	11.7-12.2	≥868	≥10.9	≥1114	≥14	263-287	33-36	100
N38M	1220-1250	12.2-12.5	≥899	≥11.3	≥1114	≥14	287-310	36-39	100
N40M	1250-1280	12.5-12.8	≥923	≥11.6	≥1114	≥14	302-326	38-41	100
N42M	1280-1320	12.8-13.2	≥955	≥12.0	≥1114	≥14	318-342	40-43	100
N45M	1320-1380	13.2-13.8	≥995	≥12.5	≥1114	≥14	342-366	43-46	100
N48M	1360-1430	13.6-14.3	≥1027	≥12.9	≥1114	≥14	366-390	46-49	100
N50M	1400-1450	14.0-14.5	≥1033	≥13.0	≥1114	≥14	382-406	48-51	100
N35H	1170-1220	11.7-12.2	≥868	≥10.9	≥1353	≥17	263-287	33-36	120
N38H	1220-1250	12.2-12.5	≥899	≥11.3	≥1353	≥17	287-310	36-39	120
N40H	1250-1280	12.5-12.8	≥923	≥11.6	≥1353	≥17	302-326	38-41	120
N42H	1280-1320	12.8-13.2	≥955	≥12.0	≥1353	≥17	318-342	40-43	120
N45H	1320-1360	13.2-13.6	≥963	≥12.1	≥1353	≥17	326-358	43-46	120
N48H	1360-1430	13.6-14.3	≥995	≥12.5	≥1353	≥17	366-390	46-49	120
N35SH	1170-1220	11.7-12.2	≥876	≥11.0	≥1592	≥20	263-287	33-36	150
N38SH	1220-1250	12.2-12.5	≥907	≥11.4	≥1592	≥20	287-310	36-39	150
N40SH	1250-1280	12.5-12.8	≥939	≥11.8	≥1592	≥20	302-326	38-41	150
N42SH	1280-1320	12.8-13.2	≥987	≥12.4	≥1592	≥20	318-342	40-43	150
N45SH	1320-1380	13.2-13.8	≥1003	≥12.6	≥1592	≥20	342-366	43-46	150
N28UH	1020-1080	10.2-10.8	≥764	≥9.6	≥1990	≥25	207-231	26-29	180
N30UH	1080-1130	10.8-11.3	≥812	≥10.2	≥1990	≥25	223-247	28-31	180
N33UH	1130-1170	11.3-11.7	≥852	≥10.7	≥1990	≥25	247-271	31-34	180
N35UH	1180-1220	11.8-12.2	≥860	≥10.8	≥1990	≥25	263-287	33-36	180
N38UH	1220-1250	12.2-12.5	≥876	≥11.0	≥1990	≥25	287-310	36-39	180
N40UH	1250-1280	12.5-12.8	≥899	≥11.3	≥1990	≥25	302-326	38-41	180
N28EH	1040-1090	10.4-10.9	≥780	≥9.8	≥2388	≥30	207-231	26-29	200
N30EH	1080-1130	10.8-11.3	≥812	≥10.2	≥2388	≥30	223-247	28-31	200
N33EH	1130-1170	11.3-11.7	≥836	≥10.5	≥2388	≥30	247-271	31-34	200
N35EH	1170-1220	11.7-12.2	≥876	≥11.0	≥2388	≥30	263-287	33-36	200
N38EH	1220-1250	12.2-12.5	≥899	≥11.3	≥2388	≥30	287-310	36-39	200
N28AH	1040-1090	10.4-10.9	≥787	≥9.9	≥2785	≥35	207-231	26-29	230
N30AH	1080-1130	10.8-11.3	≥819	≥10.3	≥2785	≥35	223-247	28-31	230
N33AH	1130-1170	11.3-11.7	≥843	≥10.6	≥2785	≥35	247-271	31-34	230