

Main magnetic properties of sintered NdFeB magnets

Grade									Max. Working Temp.
	Br		Hc		Hcj		(BH)max		TW
	MT	KG	KA/m	KOe	KA/m	KOe	Kj/m ³	MGOe	°C
N30	1080-1130	10.8-11.3	>796	>10	>955	>12	223-247	28-31	80
N33	1130-1170	11.3-11.7	>836	>10.5	>955	>12	247-263	31-33	80
N35	1170-1220	11.7-12.2	>868	>10.9	>955	>12	263-287	33-36	80
N38	1220-1250	12.2-12.5	>899	>11.3	>955	>12	287-310	36-39	80
N40	1250-1280	12.5-12.8	>907	>11.4	>955	>12	302-326	38-41	80
N42	1280-1320	12.8-13.2	>915	>11.5	>955	>12	318-342	40-43	80
N45	1320-1380	13.2-13.8	>923	>11.6	>955	>12	342-366	43-46	80
N48	1380-1420	13.8-14.2	>923	>11.6	>955	>12	366-390	46-49	80
N50	1400-1450	14-14.5	>796	>10.0	>876	>11	382-406	48-51	80
N52	1430-1480	14.3-14.8	>796	>10.0	>876	>11	398-442	50-53	80
N55	1480-1530	14.8-15.3	>796	>10.0	>876	>11	422-448	53-56	80
30M	1080-1130	10.8-11.3	>796	>10.0	>1114	>14	223-247	28-31	100
33M	1130-1170	11.3-11.7	>836	>10.5	>1114	>14	247-263	31-33	100
35M	1170-1220	11.7-12.2	>868	>10.9	>1114	>14	263-287	33-36	100
38M	1220-1250	12.2-12.5	>899	>11.3	>1114	>14	287-310	36-39	100
40M	1250-1280	12.5-12.8	>923	>11.6	>1114	>14	302-326	38-41	100
42M	1280-1320	12.8-13.2	>955	>12.0	>1114	>14	318-342	40-43	100
45M	1320-1380	13.2-13.8	>995	>12.5	>1114	>14	342-366	43-46	100
48M	1360-1430	13.6-14.3	>1027	>12.9	>1114	>14	366-390	46-49	100
50M	1400-1450	14.0-14.5	>1033	>13.0	>1114	>14	382-406	48-51	100
52M	1430-1480	14.3-14.8	>1050	>13.2	>1114	>14	400-424	50-53	100
30H	1080-1130	10.8-11.3	>796	>10.1	>1353	>17	223-247	28-31	120
33H	1130-1170	11.3-11.7	>836	>10.5	>1353	>17	247-271	31-34	120
35H	1170-1220	11.7-12.2	>868	>10.9	>1353	>17	263-287	33-36	120
38H	1220-1250	12.2-12.5	>899	>11.3	>1353	>17	287-310	36-39	120
40H	1250-1280	12.5-12.8	>923	>11.6	>1353	>17	302-326	38-41	120
42H	1280-1320	12.8-13.2	>955	>12.0	>1353	>17	318-342	40-43	120
45H	1320-1380	13.2-13.8	>963	>12.1	>1353	>17	342-366	43-46	120
48H	1370-1430	13.7-14.3	>995	>12.5	>1353	>17	366-390	46-49	120
50H	1400-1450	14.0-14.5	>1020	>12.8	>1353	>17	382-406	48-51	120
30SH	1080-1130	10.8-11.3	>804	>10.1	>1592	>20	223-247	28-31	150

33SH	1130-1170	11.3-11.7	>844	>10.6	>1592	>20	247-271	31-34	150
35SH	1170-1220	11.7-12.2	>876	>11.0	>1592	>20	263-287	33-36	150
38SH	1220-1250	12.2-12.5	>907	>11.4	>1592	>20	187-310	36-39	150
40SH	1240-1280	12.4-12.8	>939	>11.8	>1592	>20	302-326	38-41	150
42SH	1280-1320	12.8-13.2	>987	>12.4	>1592	>20	318-342	40-43	150
45SH	1320-1380	13.2-13.8	>1003	>12.6	>1592	>20	342-366	43-46	150
48SH	1360-1430	13.6-14.3	>1025	>12.9	>1592	>20	366-390	46-49	150
28UH	1020-1080	10.2-10.8	>764	>9.6	>1990	>25	207-231	26-29	180
30UH	1080-1130	10.8-11.3	>812	>10.2	>1990	>25	223-247	28-31	180
33UH	1130-1170	11.3-11.7	>852	>10.7	>1990	>25	247-271	31-34	180
35UH	1180-1220	11.8-12.2	>860	>10.8	>1990	>25	263-287	33-36	180
38UH	1220-1250	12.2-12.5	>876	>11.0	>1990	>25	287-310	36-39	180
40UH	1240-1280	12.4-12.8	>899	>11.3	>1990	>25	302-326	38-41	180
42UH	1270-1320	12.7-13.2	>920	>11.5	>1990	>25	318-342	40-43	180
28EH	1040-1090	10.4-10.9	>780	>9.8	>2388	>30	207-231	26-29	200
30EH	1080-1130	10.8-11.3	>812	>10.2	>2388	>30	223-247	28-31	200
33EH	1130-1170	11.3-11.7	>836	>10.5	>2388	>30	247-271	31-34	200
35EH	1170-1220	11.7-12.2	>876	>11.0	>2388	>30	263-287	33-36	200
38EH	1220-1250	12.2-12.5	>899	>11.3	>2388	>30	287-310	36-39	200
40EH	1240-1280	12.4-12.8	>920	>11.5	>2388	>30	302-326	38-41	200
28AH	1040-1090	10.4-10.9	>780	>9.8	>2624	>33	207-231	26-29	230
30AH	1080-1130	10.8-11.3	>819	>10.3	>2624	>33	223-247	28-31	230
33AH	1130-1170	11.3-11.7	>843	>10.6	>2624	>33	247-271	31-34	230