Great Magtech Electric
EXCEED YOUR EXPECTATION

Properties of Sintered NdFeb Magnet

GRADE	Remanence (Br)		Coercive Force (bHc)		Intrinsic Coercive (iHc)		Max Energy Product (BH)max		Working Temp.
	T	KGs	KA/m	KOe	KA/m	KOe	KJ/m³	MGOe	Tw(℃)
N35	1.18-1.23	11.8-12.3	≥868	≥10.9	≥955	≥12	263-287	33-36	≤80
N38	1.22-1.28	12.2-12.8	≥899	≥11.3	≥955	≥12	287-310	36-39	≤80
N40	1.26-1.31	12.6-13.1	≥923	≥11.6	≥955	≥12	302-326	38-41	≤80
N42	1.28-1.34	12.8-13.4	≥923	≥11.6	≥955	≥12	318-342	40-43	≤80
N45	1.32-1.37	13.2-13.7	≥876	≥11.0	≥955	≥12	342-366	43-46	≤80
N48	1.36-1.42	13.6-14.2	≥836	≥10.5	≥876	≥11	358-390	45-48	≤80
N50	1.39-1.45	13.9-14.5	≥836	≥10.5	≥876	≥11	374-406	48-51	≤80
N52	1.42-1.48	14.2-14.8	≥796	≥10.0	≥876	≥11	390-422	49-53	≤60
N35M	1.18-1.23	11.8-12.3	≥868	≥10.9	≥1114	≥14	263-287	33-36	≤100
N38M	1.22-1.28	12.2-12.8	≥899	≥11.3	≥1114	≥14	287-310	36-39	≤100
N40M	1.26-1.31	12.6-13.1	≥923	≥11.6	≥1114	≥14	302-326	38-41	≤100
N42M	1.28-1.34	12.8-13.4	≥923	≥11.6	≥1114	≥14	318-342	40-43	≤100
N45M	1.34-1.39	13.4-13.9	≥876	≥11.0	≥1114	≥14	342-366	43-46	≤100
N48M	1.36-1.42	13.6-14.2	≥876	≥11.0	≥1114	≥14	366-390	46-49	≤100
N35H	1.18-1.23	11.8-12.3	≥868	≥10.9	≥1353	≥17	263-287	33-36	≤120
N38H	1.22-1.28	12.2-12.8	≥899	≥11.3	≥1353	≥17	287-310	36-39	≤120
N40H	1.26-1.31	12.6-13.1	≥923	≥11.6	≥1353	≥17	302-326	38-41	≤120
N42H	1.28-1.34	12.8-13.4	≥923	≥11.6	≥1353	≥17	318-342	40-43	≤120
N45H	1.33-1.39	13.3-13.9	≥923	≥11.6	≥1353	≥17	342-366	43-46	≤120
N48H	1.36-1.42	13.6-14.2	≥923	≥11.6	≥1274	≥16	366-390	46-49	≤120
N33SH	1.14-1.19	11.4-11.9	≥836	≥10.5	≥1592	≥20	247-270	31-34	≤150
N35SH	1.18-1.23	11.8-12.3	≥868	≥10.9	≥1592	≥20	263-287	33-36	≤150
N38SH	1.22-1.28	12.2-12.8	≥899	≥11.3	≥1592	≥20	287-310	36-39	≤150
N40SH	1.26-1.31	12.6-13.1	≥923	≥11.6	≥1592	≥20	302-326	38-41	≤150
N42SH	1.28-1.34	12.8-13.4	≥923	≥11.6	≥1592	≥20	318-342	40-43	≤150
N45SH	1.33-1.39	13.3-13.9	≥923	≥11.6	≥1592	≥20	342-366	43-46	≤150
N28UH	1.03-1.09	10.3-10.9	≥780	≥9.80	≥1990	≥25	207-231	26-29	≤180
N30UH	1.09-1.14	10.9-11.4	≥812	≥10.2	≥1990	≥25	223-247	28-31	≤180
N33UH	1.13-1.17	11.3-11.7	≥852	≥10.7	≥1990	≥25	247-263	31-33	≤180
N35UH	1.18-1.22	11.8-12.2	≥868	≥10.9	≥1990	≥25	263-287	33-36	≤180
N38UH	1.22-1.27	12.2-12.7	≥899	≥11.3	≥1990	≥25	287-310	36-39	≤180
N28EH	1.03-1.09	10.3-10.9	≥780	≥9.80	≥2388	≥30	207-231	26-29	≤200
N30EH	1.08-1.13	10.8-11.3	≥812	≥10.2	≥2388	≥30	223-247	28-31	≤200
N33EH	1.13-1.17	11.3-11.7	≥852	≥10.7	≥2388	≥30	247-263	31-33	≤200
N35EH	1.18-1.22	11.8-12.2	≥868	≥10.9	≥2388	≥30	263-287	33-36	≤200
N28AH	1.03-1.09	10.3-10.9	≥780	≥9.80	≥2786	≥35	207-231	26-29	≤220
N30AH	1.08-1.13	10.8-11.3	≥812	≥10.2	≥2786	≥35	223-247	28-31	≤220

Note:The above mentioned data is given at room temperature.

The above-mentioned maximum working temperature of magnet is changeable due to the ratio length and diameter,surface coating and environmental factors.