

## Sintered Neodymium Iron Boron (NdFeB) Magnet

一般磁材性能 Typical Magnetic Properties									
牌號 Grade	性能 Properties								
	剩磁 Remanence (Br)		矯頑力 Coercivity (bHc)		內稟矯頑力 Intrinsic Coercivity (iHc)		最大磁能積 Max. Energy Product (BHmax)		最高工作溫度 Max. Oper. Temp.
	mT	Gs	KA/m	Oe	KA/m	Oe	KJ/m <sup>3</sup>	MGOe	°C
N35	1170-1210	11700-12100	≥ 868	≥ 10800	≥ 955	≥ 12000	263-287	33-36	≤ 80
N38	1210-1250	12100-12500	≥ 868	≥ 10800	≥ 955	≥ 12000	287-310	36-39	≤ 80
N40	1250-1280	12500-12800	≥ 868	≥ 10800	≥ 955	≥ 12000	302-326	38-41	≤ 80
N42	1280-1320	12800-13200	≥ 868	≥ 10800	≥ 955	≥ 12000	318-342	40-43	≤ 80
N45	1320-1370	13200-13700	≥ 868	≥ 10800	≥ 955	≥ 12000	342-366	43-46	≤ 80
N48	1370-1400	13700-14000	≥ 868	≥ 10800	≥ 955	≥ 12000	358-390	45-49	≤ 80
N50	1400-1440	14000-14400	≥ 868	≥ 10800	≥ 955	≥ 12000	374-406	47-51	≤ 80
N52	1430-1460	14300-14600	≥ 868	≥ 10800	≥ 955	≥ 12000	390-422	49-53	≤ 80
N54	1450-1500	14500-15000	≥ 838	≥ 10500	≥ 875	≥ 11000	406-438	51-55	≤ 80

N35M	1170-1210	11700-12100	≥ 892	≥ 11200	≥ 1114	≥ 14000	263-287	33-36	≤ 100
N38M	1210-1250	12100-12500	≥ 915	≥ 11500	≥ 1114	≥ 14000	287-310	36-39	≤ 100
N40M	1250-1280	12500-12800	≥ 939	≥ 11800	≥ 1114	≥ 14000	302-326	38-41	≤ 100
N42M	1280-1320	12800-13200	≥ 955	≥ 12000	≥ 1114	≥ 14000	318-342	40-43	≤ 100
N45M	1320-1370	13200-13700	≥ 971	≥ 12200	≥ 1114	≥ 14000	342-366	43-46	≤ 100
N48M	1370-1400	13700-14000	≥ 1011	≥ 12700	≥ 1114	≥ 14000	358-390	45-49	≤ 100
N50M	1400-1440	14000-14400	≥ 1035	≥ 13000	≥ 1114	≥ 14000	374-406	47-51	≤ 100
N52M	1430-1460	14300-14600	≥ 1019	≥ 12800	≥ 1114	≥ 14000	390-422	49-53	≤ 100

N30H	1080-1130	10800-11300	≥ 812	≥ 10200	≥ 1353	≥ 17000	223-247	28-31	≤ 120
N33H	1130-1170	11300-11700	≥ 836	≥ 10500	≥ 1353	≥ 17000	247-271	31-34	≤ 120
N35H	1170-1210	11700-12100	≥ 876	≥ 11000	≥ 1353	≥ 17000	263-287	33-36	≤ 120
N38H	1210-1250	12100-12500	≥ 892	≥ 11200	≥ 1353	≥ 17000	287-310	36-39	≤ 120
N40H	1250-1280	12500-12800	≥ 892	≥ 11200	≥ 1353	≥ 17000	302-326	38-41	≤ 120
N42H	1280-1320	12800-13200	≥ 915	≥ 11500	≥ 1353	≥ 17000	318-342	40-43	≤ 120
N45H	1320-1370	13200-13700	≥ 939	≥ 11800	≥ 1353	≥ 17000	342-366	43-46	≤ 120
N48H	1370-1400	13700-14000	≥ 955	≥ 12000	≥ 1274	≥ 16000	358-390	45-49	≤ 120
N50H	1400-1440	14000-14400	≥ 987	≥ 12400	≥ 1274	≥ 16000	374-406	47-51	≤ 120

N30SH	1080-1130	10800-11300	≥ 804	≥ 10100	≥ 1592	≥ 20000	223-247	28-31	≤ 150
N33SH	1130-1170	11300-11700	≥ 820	≥ 10300	≥ 1592	≥ 20000	247-271	31-34	≤ 150
N35SH	1170-1210	11700-12100	≥ 860	≥ 10800	≥ 1592	≥ 20000	263-287	33-36	≤ 150
N38SH	1210-1250	12100-12500	≥ 876	≥ 11000	≥ 1592	≥ 20000	287-310	36-39	≤ 150
N40SH	1250-1280	12500-12800	≥ 915	≥ 11500	≥ 1592	≥ 20000	302-326	38-41	≤ 150
N42SH	1280-1320	12800-13200	≥ 939	≥ 11800	≥ 1592	≥ 20000	318-342	40-43	≤ 150
N45SH	1320-1370	13200-13700	≥ 955	≥ 12000	≥ 1592	≥ 20000	342-366	43-46	≤ 150
N48SH	1370-1400	13700-14000	≥ 987	≥ 12400	≥ 1512	≥ 19000	358-390	45-49	≤ 150
N50SH	1390-1430	13900-14.00	≥ 1019	≥ 12800	≥ 1512	≥ 19000	374-406	47-51	≤ 150

N28UH	1020-1080	10200-10800	≥ 750	≥ 9500	≥ 1990	≥ 25000	207-231	26-29	≤ 180
N30UH	1080-1130	10800-11300	≥ 804	≥ 10100	≥ 1990	≥ 25000	223-247	28-31	≤ 180
N33UH	1130-1170	11300-11700	≥ 820	≥ 10300	≥ 1990	≥ 25000	247-271	31-34	≤ 180
N35UH	1170-1210	11700-12100	≥ 860	≥ 10800	≥ 1990	≥ 25000	263-287	33-36	≤ 180
N38UH	1210-1250	12100-12500	≥ 876	≥ 11000	≥ 1990	≥ 25000	287-310	36-39	≤ 180
N40UH	1250-1280	12500-12800	≥ 915	≥ 11500	≥ 1990	≥ 25000	302-326	38-41	≤ 180
N42UH	1280-1320	12800-13200	≥ 939	≥ 11800	≥ 1990	≥ 25000	318-342	40-43	≤ 180
N45UH	1320-1370	13200-13700	≥ 955	≥ 12000	≥ 1910	≥ 24000	342-366	43-46	≤ 180
N48UH	1360-1400	13600-14000	≥ 987	≥ 12400	≥ 1910	≥ 24000	358-390	45-49	≤ 180
N50UH	1390-1430	13900-14300	≥ 1019	≥ 12800	≥ 1910	≥ 24000	374-406	47-51	≤ 180

N28EH	1020-1080	10200-10800	≥ 750	≥ 9500	≥ 2388	≥ 30000	207-231	26-29	≤ 200
N30EH	1080-1130	10800-11300	≥ 804	≥ 10100	≥ 2388	≥ 30000	223-247	28-31	≤ 200
N33EH	1130-1170	11300-11700	≥ 820	≥ 10300	≥ 2388	≥ 30000	247-271	31-34	≤ 200
N35EH	1170-1210	11700-12100	≥ 860	≥ 10800	≥ 2388	≥ 30000	263-287	33-36	≤ 200
N38EH	1210-1250	12100-12500	≥ 876	≥ 11000	≥ 2388	≥ 30000	287-310	36-39	≤ 200
N40EH	1250-1280	12500-12800	≥ 915	≥ 11500	≥ 2388	≥ 30000	302-326	38-41	≤ 200
N42EH	1280-1320	12800-13200	≥ 939	≥ 11800	≥ 2388	≥ 30000	318-342	40-43	≤ 200

N28TH	1020-1080	10200-10800	≥ 750	≥ 9500	≥ 2786	≥ 35000	207-231	26-29	≤ 220
N30TH	1080-1130	10800-11300	≥ 804	≥ 10100	≥ 2786	≥ 35000	223-247	28-31	≤ 220
N33TH	1130-1170	11300-11700	≥ 820	≥ 10300	≥ 2786	≥ 35000	247-271	31-34	≤ 220
N35TH	1170-1210	11700-12100	≥ 860	≥ 10800	≥ 2786	≥ 35000	263-287	33-36	≤ 220
N38TH	1210-1250	12100-12500	≥ 876	≥ 11000	≥ 2627	≥ 33000	287-310	36-39	≤ 220