

Ndfeb Magnet(Sintered)

China United Magnet has proven production process,strict quality assurance,complete technical sevice and remarkable cost performance.

NdFeB magnet is an alloy magnet made from Nd,Fe,B and other trace metal elements.

High coercive force and high magnetic energy product.

Brittle & hard

High resistance to demagnetization

Good temperature stability depending on models, can stand 80-200oC temperature.

Require surface treatment to prevent corrosion



products name: Ndfeb Magnet Sintered

Model No:Ndfeb Magnet Sintered

[Related Keywords:] [Ndfeb Magnet Sintered](#) [China Magnets](#)

Key Applications

Sintered NdFeB magnet can be used for a wide range, including DVD pick-up/CD-ROM reader/laser head, nuclear magnetic resonance, coil motor, speaker, motor and various magnetic sensors and electronic magnetic force control units.

Coating and Anti-corrosive of NdFeB Magnet

Coating	Nickel	NiCuNi	Zinc	Ni-Sn	Ni-Au	Ni-Ag	Epoxy
Corrosiveb Resistance	Good	Excellent	Good	Good	Good	Good	Very Good
Color	Silver	Silver	White Blue	Silver	Gold	Silver	Blace/Gray

Technical data of sintered NdFeB Magnet

Grade	BrmT(kGs)	Hcb kA/m (kOe)	Hcj kA/m (kOe)	BH max kJ/m3 (MGOe)	Max. Tw
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N27	1030-1080 (10.3-10.8)	≥ 796 (≥ 10.0)	≥ 955 (≥ 12)	199-231 (25-29)	80 °C
N30	1080-1130 (10.8-11.3)	≥ 796 (≥ 10.0)	≥ 955 (≥ 12)	223-247 (28-31)	80 °C
N33	1130-1170 (11.3-11.7)	≥ 836 (≥ 10.5)	≥ 955 (≥ 12)	247-271 (31-34)	80 °C
N35	1170-1220(11.7-12.2)	≥ 868 (≥ 10.9)	≥ 955 (≥ 12)	263-287 (33-36)	80 °C
N38	1220-1250 (12.2-12.5)	≥ 899 (≥ 11.3)	≥ 955 (≥ 12)	287-310 (36-39)	80 °C
N40	1250-1280 (12.5-12.8)	≥ 907 (≥ 11.4)	≥ 955 (≥ 12)	302-326 (38-41)	80 °C
N42	1280-1320 (12.8-13.2)	≥ 915 (≥ 11.5)	≥ 955 (≥ 12)	318-342 (40-43)	80 °C
N45	1320-1380 (13.2-13.8)	≥ 923 (≥ 11.6)	≥ 955 (≥ 12)	342-366 (43-46)	80 °C
N48	1380-1420 (13.8-14.2)	≥ 923 (≥ 11.6)	≥ 876 (≥ 12)	366-390 (46-49)	80 °C
N50	1400-1450 (14.0-14.5)	≥ 796 (≥ 10.0)	≥ 876 (≥ 11)	382-406 (48-51)	60 °C
N52	1430-1480 (14.3-14.8)	≥ 796 (≥ 10.0)	≥ 876 (≥ 11)	398-422 (50-53)	60 °C
30M	1080-1130 (10.8-11.3)	≥ 796 (≥ 10.0)	≥ 1114 (≥ 14)	223-247 (28-31)	100 °C
33M	1130-1170 (11.3-11.7)	≥ 836 (≥ 10.5)	≥ 1114 (≥ 14)	247-263 (31-33)	100 °C
35M	1170-1220 (11.7-12.2)	≥ 868 (≥ 10.9)	≥ 1114 (≥ 14)	263-287 (33-36)	100 °C
38M	1220-1250 (12.2-12.5)	≥ 899 (≥ 11.3)	≥ 1114 (≥ 14)	287-310 (36-39)	100 °C
40M	1250-1280 (12.5-12.8)	≥ 923 (≥ 11.6)	≥ 1114 (≥ 14)	302-326(38-41)	100 °C
42M	1280-1320 (12.8-13.2)	≥ 955 (≥ 12.0)	≥ 1114 (≥ 14)	318-342 (40-43)	100 °C
45M	1320-1380 (13.2-13.8)	≥ 995 (≥ 12.5)	≥ 1114 (≥ 14)	342-366 (43-46)	100 °C
48M	1360-1430 (13.6-14.3)	≥ 1027 (≥ 12.9)	≥ 1114 (≥ 14)	366-390 (46-49)	100 °C
50M	1400-1450 (14.0-14.5)	≥1033 (≥ 13.0)	≥ 1114 (≥ 14)	382-406 (48-51)	100 °C
30H	1080-1130 (10.8-11.3)	≥ 796 (≥ 10.0)	≥ 1353 (≥ 17)	223-247 (28-31)	120 °C
33H	1130-1170 (11.3-11.7)	≥836 (≥ 10.5)	≥ 1353 (≥ 17)	247-271 (31-34)	120 °C
35H	1170-1220 (11.7-12.2)	≥ 868 (≥ 10.9)	≥ 1353 (≥ 17)	263-287 (33-36)	120 °C
38H	1220-1250 (12.2-12.5)	≥ 899 (≥ 11.3)	≥ 1353 (≥ 17)	287-310 (36-39)	120 °C
40H	1250-1280 (12.5-12.8)	≥ 923 (≥ 11.6)	≥ 1353 (≥ 17)	302-326 (38-41)	120 °C
42H	1280-1320 (12.8-13.2)	≥ 955 (≥ 12.0)	≥ 1353 (≥ 17)	318-342 (40-43)	120 °C
45H	1300-1360 (13-13.6)	≥ 963 (≥ 12.1)	≥ 1353 (≥ 17)	326-358 (43-46)	120 °C
48H	1370-1430 (13.7-14.3)	≥ 995 (≥ 12.5)	≥ 1353 (≥ 17)	366-390 (46-49)	120 °C
30SH	1080-1130 (10.8-11.3)	≥ 804 (≥ 10.1)	≥ 1592 (≥ 20)	223-247 (28-31)	150 °C
33SH	1130-1170 (11.3-11.7)	≥ 844 (≥ 10.6)	≥ 1592 (≥ 20)	247-271 (31-34)	150 °C
35SH	1170-1220 (11.7-12.2)	≥ 876 (≥ 11.0)	≥ 1592 (≥ 20)	263-287 (33-36)	150 °C
38SH	1220-1250 (12.2-12.5)	≥ 907 (≥ 11.4)	≥ 1592 (≥ 20)	287-310 (36-39)	150 °C
40SH	1240-1280 (12.5-12.8)	≥ 939 (≥ 11.8)	≥ 1592 (≥ 20)	302-326 (38-41)	150 °C
42SH	1280-1320 (12.8-13.2)	≥ 987 (≥ 12.4)	≥ 1592 (≥ 20)	318-342 (40-43)	150 °C
45SH	1320-1380 (13.2-13.8)	≥ 1003 (≥ 12.6)	≥ 1592 (≥ 20)	342-366 (43-46)	150 °C
28UH	1020-1080 (10.2-10.8)	≥ 764 (≥ 9.6)	≥ 1990 (≥ 25)	207-231 (26-29)	180 °C
30UH	1080-1130 (10.8-11.3)	≥ 812 (≥ 10.2)	≥ 1990 (≥ 25)	223-247 (28-31)	180 °C
33UH	1130-1170 (11.3-11.7)	≥ 852 (≥ 10.7)	≥ 1990 (≥ 25)	247-271 (31-34)	180 °C
35UH	1180-1220 (11.8-12.2)	≥ 860 (≥ 10.8)	≥ 1990 ≥ 25)	263-287 (33-36)	180 °C
38UH	1220-1250 (12.2-12.5)	≥ 876 (≥ 11.0)	≥ 1990 (≥ 25)	287-310 (36-39)	180 °C

40UH	1240-1280 (12.5-12.8)	≥ 899 (≥ 11.3)	≥ 1990 (≥ 25)	302-326 (38-41)	180 °C
28EH	1040-1090 (10.4-10.9)	≥ 780 (≥ 9.8)	≥ 2388 (≥ 30)	207-231 (26-29)	200 °C
30EH	1080-1130 (10.8-11.3)	≥ 812 (≥ 10.2)	≥ 2388 (≥ 30)	223-247 (28-31)	200 °C
33EH	1130-1170 (11.3-11.7)	≥ 836 (≥ 10.5)	≥ 2388 (≥ 30)	247-271 (31-34)	200 °C
35EH	1170-1220 (11.7-12.2)	≥ 876 (≥ 11.0)	≥ 2388 (≥ 30)	263-287 (33-36)	200 °C
38EH	1220-1250 (12.2-12.5)	≥ 899 (≥ 11.3)	≥ 2388 (≥ 30)	287-310 (36-39)	200 °C

Address :

1st Floor, No 49, ZhongShan Dong Street, NanTou Cheng, NanShan District, ShenZhen, 518052 P.
R.China

Tel: +86-755-86074490/26005690

Fax:+86-755-86074443/86267343

Email:

info@unitedmagnet.com

sales@unitedmagnet.com

Website: <http://www.unitedmagnet.com>