

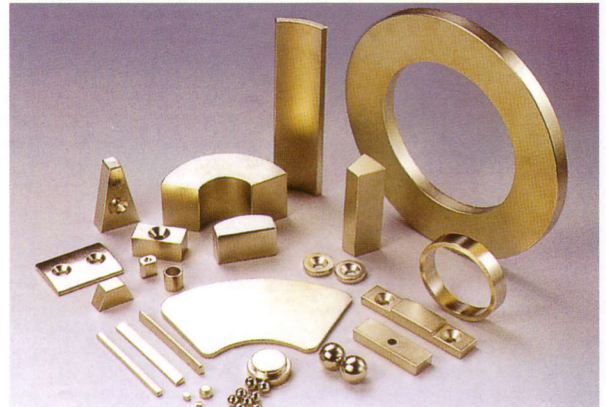
## Sintered Nd-Fe-B Magnets

As a specialist in Sintered Nd-Fe-B Magnets, *Pro-Perfect Magnetics* started to serve overseas customers since 1996, with the current annual capacity 600 tons. The stable magnetic characteristics, good anti-corrosion surface treatment, timely deliveries, reasonable prices and excellent service have made *Pro-Perfect Magnetics* reputable in this field. The maximum stable grades available for mass production are: N50, N48H, N45SH, N40UH and N35EH. They are proud of *Pro-Perfect Magnetics*.

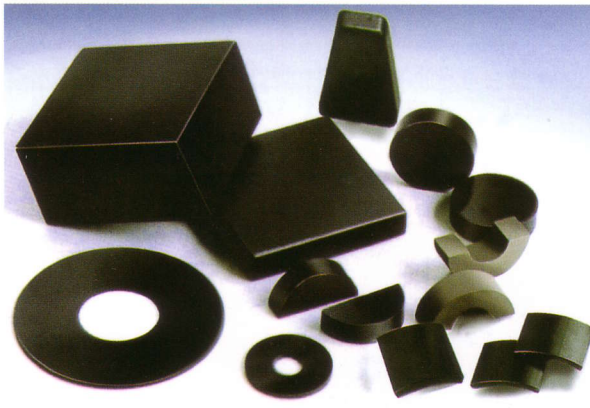
The surface treatment is very important for Sintered Nd-Fe-B magnets, *Pro-Perfect Magnetics* can supply following coatings: Zinc coating, Nickel coating, Epoxy coating, Phosphorated coating, Tin coating, Gold coating, Silver coating, Parylene CVD coating, etc.



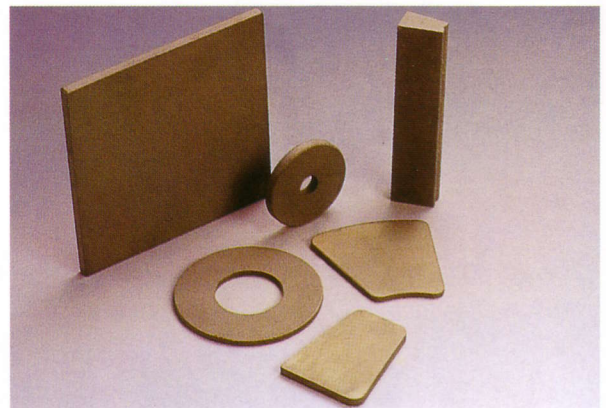
Zinc Coating



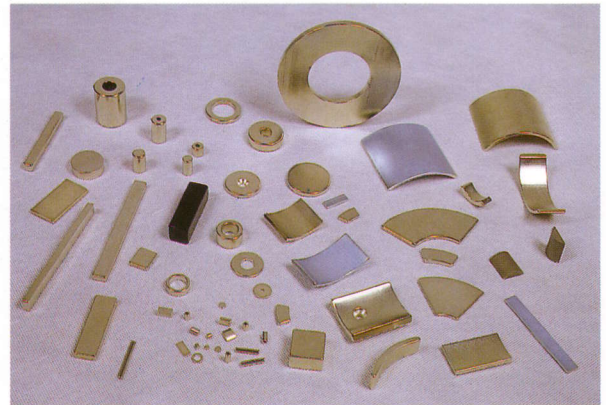
Nickel Coating



Epoxy Coating



Phosphorated Coating



The magnetic characteristics of Sintered Nd-Fe-B magnets (tested at 20°C):

Grade	Residual Induction (Br)		Coercive Force (Hcb)		Intrinsic Coercive Force (Hcj)		Max. Energy Product (BHmax)	
	mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m <sup>3</sup>	MGOe
N27	1020 ~ 1100	10.2 ~ 11.0	764 ~ 836	9.6 ~ 10.5	≥ 955	≥ 12.0	199 ~ 223	25 ~ 28
N30	1080 ~ 1150	10.8 ~ 11.5	796 ~ 860	10.0 ~ 10.8	≥ 955	≥ 12.0	223 ~ 247	28 ~ 31
N33	1130 ~ 1170	11.3 ~ 11.7	844 ~ 884	10.6 ~ 11.1	≥ 955	≥ 12.0	247 ~ 263	31 ~ 33
N35	1170 ~ 1210	11.7 ~ 12.1	876 ~ 915	11.0 ~ 11.5	≥ 955	≥ 12.0	263 ~ 286	33 ~ 36
N38	1200 ~ 1280	12.0 ~ 12.8	876 ~ 915	11.0 ~ 11.5	≥ 955	≥ 12.0	286 ~ 302	36 ~ 38
N40	1260 ~ 1320	12.6 ~ 13.2	876 ~ 969	11.0 ~ 12.2	≥ 955	≥ 12.0	302 ~ 318	38 ~ 40
N42	1300 ~ 1350	13.0 ~ 13.5	876 ~ 969	11.0 ~ 12.2	≥ 955	≥ 12.0	318 ~ 334	40 ~ 42
N45	1320 ~ 1380	13.2 ~ 13.8	876 ~ 969	11.0 ~ 12.2	≥ 876	≥ 11.0	334 ~ 358	42 ~ 45
N48	1360 ~ 1410	13.6 ~ 14.1	876 ~ 969	11.0 ~ 12.2	≥ 876	≥ 11.0	358 ~ 382	45 ~ 48
N50	1380 ~ 1450	13.8 ~ 14.5	876 ~ 969	11.0 ~ 12.2	≥ 876	≥ 11.0	382 ~ 398	48 ~ 50
N27H	1020 ~ 1100	10.2 ~ 11.0	764 ~ 836	9.6 ~ 10.5	≥ 1353	≥ 17.0	199 ~ 223	25 ~ 28
N30H	1080 ~ 1150	10.8 ~ 11.5	796 ~ 860	10.0 ~ 10.8	≥ 1353	≥ 17.0	223 ~ 247	28 ~ 31
N33H	1130 ~ 1170	11.3 ~ 11.7	844 ~ 884	10.6 ~ 11.1	≥ 1353	≥ 17.0	247 ~ 263	31 ~ 33
N35H	1170 ~ 1210	11.7 ~ 12.1	876 ~ 915	11.0 ~ 11.5	≥ 1353	≥ 17.0	263 ~ 286	33 ~ 36
N38H	1200 ~ 1280	12.0 ~ 12.8	876 ~ 915	11.0 ~ 11.5	≥ 1353	≥ 17.0	286 ~ 302	36 ~ 38
N40H	1260 ~ 1320	12.6 ~ 13.2	876 ~ 969	11.0 ~ 12.2	≥ 1353	≥ 17.0	302 ~ 318	38 ~ 40
N42H	1300 ~ 1350	13.0 ~ 13.5	876 ~ 969	11.0 ~ 12.2	≥ 1353	≥ 17.0	318 ~ 334	40 ~ 42
N45H	1320 ~ 1380	13.2 ~ 13.8	876 ~ 969	11.0 ~ 12.2	≥ 1353	≥ 17.0	334 ~ 358	42 ~ 45
N48H	1360 ~ 1410	13.6 ~ 14.1	876 ~ 969	11.0 ~ 12.2	≥ 1353	≥ 17.0	358 ~ 382	45 ~ 48
N27SH	1020 ~ 1100	10.2 ~ 11.0	764 ~ 836	9.6 ~ 10.5	≥ 1592	≥ 20.0	199 ~ 223	25 ~ 28
N30SH	1080 ~ 1150	10.8 ~ 11.5	796 ~ 860	10.0 ~ 10.8	≥ 1592	≥ 20.0	223 ~ 247	28 ~ 31
N33SH	1130 ~ 1170	11.3 ~ 11.7	844 ~ 884	10.6 ~ 11.1	≥ 1592	≥ 20.0	247 ~ 263	31 ~ 33
N35SH	1170 ~ 1210	11.7 ~ 12.1	876 ~ 915	11.0 ~ 11.5	≥ 1592	≥ 20.0	263 ~ 286	33 ~ 36
N38SH	1200 ~ 1280	12.0 ~ 12.8	876 ~ 915	11.0 ~ 11.5	≥ 1592	≥ 20.0	286 ~ 302	36 ~ 38
N40SH	1260 ~ 1320	12.6 ~ 13.2	876 ~ 969	11.0 ~ 12.2	≥ 1592	≥ 20.0	302 ~ 318	38 ~ 40
N42SH	1300 ~ 1350	13.0 ~ 13.5	876 ~ 969	11.0 ~ 12.2	≥ 1592	≥ 20.0	318 ~ 334	40 ~ 42
N45SH	1320 ~ 1380	13.2 ~ 13.8	876 ~ 969	11.0 ~ 12.2	≥ 1592	≥ 20.0	334 ~ 358	42 ~ 45
N25UH	970 ~ 1050	9.7 ~ 10.5	748 ~ 812	9.4 ~ 10.2	≥ 1990	≥ 25.0	183 ~ 207	23 ~ 26
N27UH	1020 ~ 1100	10.2 ~ 11.0	764 ~ 836	9.6 ~ 10.5	≥ 1990	≥ 25.0	199 ~ 223	25 ~ 28
N30UH	1080 ~ 1150	10.8 ~ 11.5	796 ~ 860	10.0 ~ 10.8	≥ 1990	≥ 25.0	223 ~ 247	28 ~ 31
N33UH	1130 ~ 1170	11.3 ~ 11.7	844 ~ 884	10.6 ~ 11.1	≥ 1990	≥ 25.0	247 ~ 263	31 ~ 33
N35UH	1170 ~ 1210	11.7 ~ 12.1	876 ~ 915	11.0 ~ 11.5	≥ 1990	≥ 25.0	263 ~ 286	33 ~ 36
N38UH	1200 ~ 1280	12.0 ~ 12.8	876 ~ 915	11.0 ~ 11.5	≥ 1990	≥ 25.0	286 ~ 302	36 ~ 38
N40UH	1260 ~ 1320	12.6 ~ 13.2	876 ~ 969	11.0 ~ 12.2	≥ 1990	≥ 25.0	302 ~ 318	38 ~ 40
N25EH	970 ~ 1050	9.7 ~ 10.5	748 ~ 812	9.4 ~ 10.2	≥ 2388	≥ 30.0	183 ~ 207	23 ~ 26
N28EH	1040 ~ 1120	10.4 ~ 11.2	780 ~ 812	9.8 ~ 10.2	≥ 2388	≥ 30.0	199 ~ 223	25 ~ 28
N30EH	1080 ~ 1150	10.8 ~ 11.5	796 ~ 860	10.0 ~ 10.8	≥ 2388	≥ 30.0	223 ~ 247	28 ~ 31
N33EH	1130 ~ 1170	11.3 ~ 11.7	844 ~ 884	10.6 ~ 11.1	≥ 2388	≥ 30.0	247 ~ 263	31 ~ 33
N35EH	1170 ~ 1210	11.7 ~ 12.1	876 ~ 915	11.0 ~ 11.5	≥ 2388	≥ 30.0	263 ~ 286	33 ~ 36

Maximum working temperature for Sintered Nd-Fe-B magnets:

Grade	N27 ~ N50	N27H ~ N48H	N27SH ~ N45SH	N25UH ~ N40UH	N25EH ~ N35EH
Max Working Temp.	≤ 80°C	≤ 120°C	≤ 150°C	≤ 180°C	≤ 200°C

Your Reliable Magnet Source from China!