

Bonded NdFeB Magnets

粘结钕铁硼永磁

我司从1998年开始生产粘结钕铁硼永磁，工艺成熟、生产设备先进（从日本引进全套涂装生产线）、技术水平高，特别擅长生产小薄产品，如小磁瓦，小磁环等，生产能力高达7亿件/年，是中国较有影响的粘结钕硼永磁生产厂家之一。产品主要应用于：汽车、无人机、家用电器、电动工具、办公自动化设备等。

JPMF has been producing bonded NdFeB magnets since 1998. With mature technology and advanced production equipment, JPMF is expert in producing small and thin products, such as a small magnetic tile, small magnetic ring, etc.. With annual production capacity up to 700 million pieces per year, JPMF is one of the influential bonded NdFeB magnet manufacturers in China. The products are mainly used in: automobile, uav, household appliances, power tools, office automation equipment and so on.



产品应用
Product Application



磁特性表 / MATERIAL CHARACTERISTICS

材料牌号 Grade	剩磁 Br	矫顽力 Hcb	内禀矫顽力 Hcj	最大磁能积 (BH)max	材料 Material	应用 Application				
JPM-N4	530~630mT	200~340kA/m	450~665kA/m	28~49.6kJ/m ³	Nd ₂ Fe ₁₄ B	微电机 Micromotor				
	5300~6300Gs	2513~4272Oe	5655~8356Oe	3.5~6.2MGOe						
JPM-N6	600~700mT	360~440kA/m	600~800kA/m	49.6~64kJ/m ³	Nd ₂ Fe ₁₄ B		家用电器 Household Appliance			
	6000~7000Gs	4524~5529Oe	7540~10053Oe	6.2~8.0MGOe						
JPM-N8	600~700mT	400~480kA/m	640~800kA/m	64~76kJ/m ³	Nd ₂ Fe ₁₄ B			办公自动化设备 OA Facilities		
	6000~7000Gs	5026~6031Oe	8042~10053Oe	8.0~9.5MGOe						
JPM-N8L	600~700 mT	320~448kA/m	560~720kA/m	60~72kJ/m ³	Nd ₂ Fe ₁₄ B				文具 Stationery	
	6000~7000Gs	4021~5629Oe	7037~9047Oe	7.5~9.0MGOe						
JPM-N8H	560~650mT	400~480 kA/m	875~1200kA/m	60~76kJ/m ³	Nd ₂ Fe ₁₄ B					玩具 Toy
	5600~6500Gs	5026~6031Oe	10995~15079Oe	7.5~9.5MGOe						
JPM-N10	650~750mT	400~480kA/m	680~850kA/m	72~88kJ/m ³	Nd ₂ Fe ₁₄ B	吸力器 Holder				
	6500~7500Gs	5026~6031Oe	8545~10681Oe	9.0~11.0MGOe						
JPM-N10L	700~800mT	400~480kA/m	480~640kA/m	72~88kJ/m ³	Nd ₂ Fe ₁₄ B					
	7000~8000Gs	5026~6031Oe	6031~8042Oe	9.0~11.0MGOe						
JPM-N10H	650~750 mT	430~510kA/m	875~1035kA/m	72~88kJ/m ³	Nd ₂ Fe ₁₄ B					
	6500~7500Gs	5403~6408Oe	10995~13000Oe	9.0~11.0MGOe						
JPM-N12	700~770mT	450~530kA/m	680~850kA/m	80~96kJ/m ³	Nd ₂ Fe ₁₄ B					
	7000~7700Gs	5655~6660Oe	8545~10681Oe	10.0~12.0 MGOe						
JPM-N12L	750~830mT	380~460kA/m	480~640kA/m	80~96kJ/m ³	Nd ₂ Fe ₁₄ B					
	7500~8300Gs	4773~5777Oe	6031~8042Oe	10.0~12.0MGOe						
JPM-N12H	740~790mT	460~540kA/m	716~836kA/m	88~100kJ/m ³	Nd ₂ Fe ₁₄ B					
	7400~7900Gs	5780~6785 Oe	9000~10500 Oe	11.0~12.5MGOe						

其他物理特性 / OTHER PHYSICAL CHARACTERISTICS

材料牌号 Grade	密度 (g/cm ³) Density	布氏硬度 (HRB) Hardness	可逆温度系数(%/°C) Temperature Coefficient	居里温度(°C) Curie Temperature	最大工作温度(°C) Max Operation Tempe rature	饱和磁化场(kA/m) Saturated Magnetic Field	涂层厚度(μ m) Thickness Of Coating
JPM-N4	5.8~6.3	40~45	- 0.11	≥350	120~160	≥1600	5~30
JPM-N6	5.8~6.1	40~45	- 0.11	≥350	120~160	≥1600	5~30
JPM-N8	5.8~6.1	35~38	- 0.11	≥350	120~160	≥1600	5~30
JPM-N8L	5.8~6.1	35~38	- 0.12	≥400	110~140	≥1600	5~30
JPM-N8H	5.8~6.1	35~38	- 0.12	≥300	150~170	≥2400	5~30
JPM-N10	5.8~6.1	35~38	- 0.10	≥350	120~160	≥1600	5~30
JPM-N10L	5.8~6.1	35~38	- 0.10	≥290	80~120	≥1600	5~30
JPM-N10H	5.9~6.2	35~38	- 0.10	≥400	150~180	≥2000	5~30
JPM-N12	6.0~6.3	35~38	- 0.10	≥350	120~160	≥1600	5~30
JPM-N12L	6.0~6.3	35~38	- 0.10	≥290	80~120	≥1600	5~30
JPM-N12H	6.0~6.3	35~38	- 0.11	≥350	120~160	≥1600	5~30

*涂层材料可根据客户需要选定The coating material can be chosen according to customers' demand.

Sintered NdFeB Magnets

烧结钕铁硼永磁

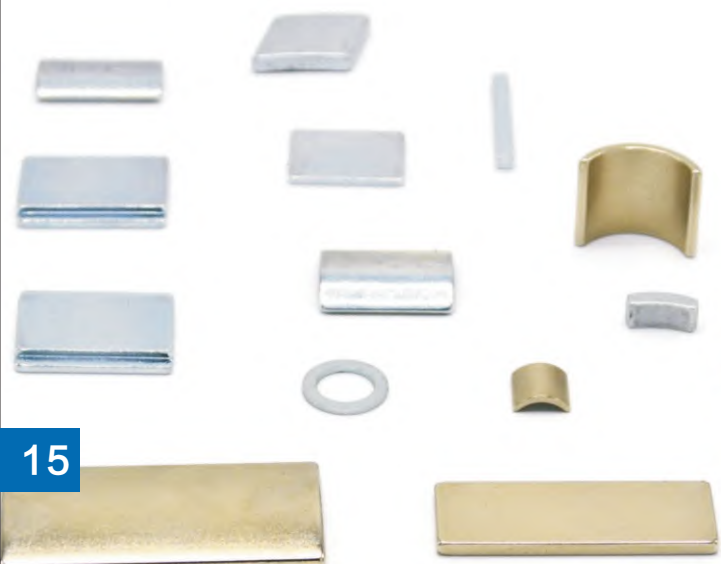
我司是集研发、生产、销售为一体的高新技术企业，专业生产烧结钕铁硼成品，产品主要适用于各种微电机、日用家电、数码相机、手机、风力发电、磁力共振设备、玩具、文具、工艺品等。

As a Higt-Tech factory,we dedicating in R&D,production and sale of sintered NdFeB magnet. The products are widely used in various Micromotors,Household Appliances,Digital Cameras, Mobile phones,Wind Power Generations, Magnetic Resonance Equipment, Toys, Stationery,and Crafts etc.



产品应用

Product Application



烧结钕铁硼磁体性能表 / TABLE OF MAGNETIC PROPERTIES FOR SINTERED NDFEB MAGNETS

Item	等级 Grade	剩余磁感应强度 Residual Induction Br	磁感应矫顽力 Coercive Force Hcb	内禀矫顽力 Intrinsic Coercive Force Hcj	最大磁能积 Max.Energy Product (BH)max.	工作温度 Tw L/D=0.7
N	N35	1170-1240mT	≥860kA/m	≥955kA/m	263-295KJ/m³	≤80℃
		11700-12400Gs	≥10800 Oe	≥12000 Oe	33-37MGOe	
	N38	1220-1300mT	≥860kA/m	≥955kA/m	287-318KJ/m³	≤80℃
		12200-13000Gs	≥10800 Oe	≥12000 Oe	36-40MGOe	
	N40	1260-1320mT	≥860kA/m	≥955kA/m	302-334KJ/m³	≤80℃
		12600-13200Gs	≥10800 Oe	≥12000 Oe	38-42MGOe	
	N42	1290-1350mT	≥860kA/m	≥955kA/m	318-350KJ/m³	≤80℃
		12900-13500Gs	≥10800 Oe	≥12000 Oe	40-44MGOe	
	N45	1320-1380mT	≥860kA/m	≥955kA/m	334-366KJ/m³	≤80℃
		13200-13800Gs	≥10800 Oe	≥12000 Oe	42-46MGOe	
	N48	1370-1430mT	≥836kA/m	≥876kA/m	358-390KJ/m³	≤80℃
		13700-14300Gs	≥10500 Oe	≥11000 Oe	45-49MGOe	
	N50	1400-1450mT	≥836kA/m	≥876kA/m	374-406KJ/m³	≤80℃
		14000-14500Gs	≥10500 Oe	≥11000 Oe	47-51MGOe	
	N52	1420-1480mT	≥836kA/m	≥876kA/m	390-422KJ/m³	≤80℃
		14200-14800Gs	≥10500 Oe	≥11000 Oe	49-53MGOe	
M	N35M	1170-1240mT	≥860kA/m	≥1114kA/m	263-295KJ/m³	≤100℃
		11700-12400Gs	≥10800 Oe	≥14000 Oe	33-37MGOe	
	N38M	1220-1300mT	≥915kA/m	≥1114kA/m	287-318KJ/m³	≤100℃
		12200-13000Gs	≥11500 Oe	≥14000 Oe	36-40MGOe	
	N40M	1260-1320mT	≥939kA/m	≥1114kA/m	302-334KJ/m³	≤100℃
		12600-13200Gs	≥11800 Oe	≥14000 Oe	38-42MGOe	
	N42M	1290-1350mT	≥955kA/m	≥1114kA/m	318-350KJ/m³	≤100℃
		12900-13500Gs	≥12000 Oe	≥14000 Oe	40-44MGOe	
	N45M	1320-1380mT	≥987kA/m	≥1114kA/m	334-366KJ/m³	≤100℃
		13200-13800Gs	≥12400 Oe	≥14000 Oe	42-46MGOe	
	N48M	1370-1430mT	≥1019kA/m	≥1114kA/m	358-390KJ/m³	≤100℃
		13700-14300Gs	≥12800 Oe	≥14000 Oe	45-49MGOe	
	N50M	1400-1450mT	≥1043kA/m	≥1114kA/m	374-406KJ/m³	≤100℃
		14000-14500Gs	≥13100 Oe	≥14000 Oe	47-51MGOe	
	N52M	1420-1480mT	≥1059kA/m	≥1114kA/m	390-422KJ/m³	≤100℃
		14200-14800Gs	≥13300 Oe	≥14000 Oe	49-53MGOe	

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H	N35H	1170-1240mT	≥876kA/m	≥1350kA/m	263-295KJ/m³	≤120℃
		11700-12400Gs	≥11000 Oe	≥17000 Oe	33-37MGOe	
	N38H	1220-1300mT	≥915kA/m	≥1350kA/m	287-318KJ/m³	≤120℃
		12200-13000Gs	≥11500 Oe	≥17000 Oe	36-40MGOe	
	N40H	1260-1320mT	≥939kA/m	≥1350kA/m	302-334KJ/m³	≤120℃
		12600-13200Gs	≥11800 Oe	≥17000 Oe	38-42MGOe	
	N42H	1290-1350mT	≥963kA/m	≥1350kA/m	318-350KJ/m³	≤120℃
		12900-13500Gs	≥12100 Oe	≥17000 Oe	40-44MGOe	
	N45H	1310-1370mT	≥979kA/m	≥1350kA/m	335-366KJ/m³	≤120℃
		13100-13700Gs	≥12300 Oe	≥17000 Oe	42-46MGOe	
	N48H	1370-1430mT	≥1011kA/m	≥1274kA/m	358-390KJ/m³	≤120℃
		13700-14300Gs	≥12700 Oe	≥16000 Oe	45-49MGOe	
SH	N33SH	1140-1210mT	≥852kA/m	≥1592kA/m	247-279KJ/m³	≤150℃
		11400-12100Gs	≥10700 Oe	≥20000 Oe	31-35MGOe	
	N35SH	1170-1240mT	≥876kA/m	≥1592kA/m	263-295KJ/m³	≤150℃
		11700-12400Gs	≥11000 Oe	≥20000 Oe	33-37MGOe	
	N38SH	1220-1290mT	≥915kA/m	≥1592kA/m	287-318KJ/m³	≤150℃
		12200-12900Gs	≥11500 Oe	≥20000 Oe	36-40MGOe	
	N40SH	1260-1320mT	≥939kA/m	≥1592kA/m	302-334KJ/m³	≤150℃
		12600-13200Gs	≥11800 Oe	≥20000 Oe	38-42MGOe	
	N42SH	1290-1350mT	≥963kA/m	≥1592kA/m	318-350KJ/m³	≤150℃
		12900-13500Gs	≥12100 Oe	≥20000 Oe	40-44MGOe	
	N45SH	1320-1380mT	≥994kA/m	≥1592kA/m	335-366KJ/m³	≤150℃
		13200-13800Gs	≥12500 Oe	≥20000 Oe	42-46MGOe	

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UH	N30UH	1080-1160mT	≥812kA/m	≥1990kA/m	223-255KJ/m³	≤180℃
		10800-11600Gs	≥10200 Oe	≥25000 Oe	28-32MGOe	
	N33UH	1140-1210mT	≥852kA/m	≥1990kA/m	247-279KJ/m³	≤180℃
		11400-12100Gs	≥10700 Oe	≥25000 Oe	31-35MGOe	
	N35UH	1170-1240mT	≥876kA/m	≥1990kA/m	263-295KJ/m³	≤180℃
		11700-12400Gs	≥11000 Oe	≥25000 Oe	33-37MGOe	
	N38UH	1220-1290mT	≥915kA/m	≥1990kA/m	287-318KJ/m³	≤180℃
		12200-12900Gs	≥11500 Oe	≥25000 Oe	36-40MGOe	
	N40UH	1260-1320mT	≥939kA/m	≥1990kA/m	302-334KJ/m³	≤180℃
		12600-13200Gs	≥11800 Oe	≥25000 Oe	38-42MGOe	
	N42UH	1290-1350mT	≥963kA/m	≥1990kA/m	318-350KJ/m³	≤180℃
		12900-13500Gs	≥12100 Oe	≥25000 Oe	40-44MGOe	
EH	N30EH	1080-1150mT	≥812kA/m	≥2388kA/m	223-255KJ/m³	≤200℃
		10800-11500Gs	≥10200 Oe	≥30000 Oe	28-32MGOe	
	N33EH	1140-1210mT	≥851kA/m	≥2388kA/m	247-279KJ/m³	≤200℃
		11400-12100Gs	≥10700 Oe	≥30000 Oe	31-35MGOe	
	N35EH	1170-1240mT	≥876kA/m	≥2388kA/m	263-295KJ/m³	≤200℃
		11700-12400Gs	≥11000 Oe	≥30000 Oe	33-37MGOe	
AH	N28AH	1040-1120mT	≥772kA/m	≥2786kA/m	207-239KJ/m³	≤230℃
		10400-11200Gs	≥9700 Oe	≥35000 Oe	26-30MGOe	
	N30AH	1080-1150mT	≥812kA/m	≥2786kA/m	223-255KJ/m³	≤230℃
		10800-11500Gs	≥10200 Oe	≥35000 Oe	28-32MGOe	
	N33AH	1140-1210mT	≥852kA/m	≥2786kA/m	247-279KJ/m³	≤230℃
		11400-12100Gs	≥10700 Oe	≥35000 Oe	31-35MGOe	

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