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Typical Magnetic Properties of NdFeB Magnets (粘结钕铁硼磁铁典型磁性能表)

类别 Item	牌号 Grade	剩磁 Remanence induction		矫顽力 Coercive force		内禀矫顽力 Intrinsic Coercive force		最大磁能积 Maximum Energy product		工作温度 Working Temperat ure	密度 Density	平均可逆温度 系数 Temperature Coefficient of B
		B _r		H _{cB}		H _{cJ}		(BH) _{max}		T _w	ρ	α
		T	KGs	KA/m	KOe	KA/m	KOe	KJ/m ³	MGOe	°C	g/cm ³	%/°C
压制成型 钕铁硼 Compression Molding NdFeB Magnet	KBM-2	0.30~0.40	3.0-4.0	160~240	2.0~3.0	480~640	6.0~8.0	16~24	2.0~3.0	≤120	4.5~6.0	-0.12
	KBM-4	0.40~0.50	4.0~5.0	240~320	3.0~4.0	560~720	7.0~9.0	32~44	4.0~5.5	≤120	5.2~6.0	-0.11
	KBM-6	0.55~0.63	5.5~6.3	320~400	4.0~5.0	480~640	6.0~8.0	48~60	6.0~7.5	≤120	5.5~6.0	-0.11
	KBM-8	0.65~0.68	6.5~6.8	360~440	4.5~5.5	640~800	8.0~10.0	64~72	8.0~9.0	≤150	5.8~6.1	-0.1
	KBM-8H	0.60~0.65	6.0~6.5	400~480	5.0~6.0	1120~1280	14.0~16.0	60~68	7.5~8.5	≤160	5.8~6.2	-0.1
	KBM-8L	0.65~0.68	6.5~6.8	400~480	5.0~6.0	900~1120	11.0~14.0	64~72	8.0~9.0	≤160	5.8~6.2	-0.1
	KBM-9	0.60~0.68	6.0~6.8	400~480	5.0~6.0	640~800	8.0~10.0	68~72	8.5~9.0	≤150	5.8~6.2	-0.1
	KBM-10	0.68~0.73	6.8~7.3	400~480	5.0~6.0	640~800	8.0~10.0	76~84	9.5~10.5	≤150	5.8~6.2	-0.1
	KBM-12	0.71~0.75	7.1~7.5	440~520	5.5~6.5	720~800	9.0~10.0	84~96	10.5~12.0	≤150	6.0~6.2	-0.1
	KBM-12L	0.72~0.76	7.2~7.6	400~480	5.0~6.0	480~640	6.0~8.0	84~96	10.5~12.0	≤140	6.0~6.2	-0.12

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		B _r		H _{cB}		H _{cJ}		(BH) _{max}		T _w	ρ	α
		T	KGs	KA/m	KOe	KA/m	KOe	KJ/m ³	MGOe	°C	g/cm ³	%/°C
注射成型 钕铁硼 Injection Molding NdFeB Magnet	KBI-3	0.25~0.35	2.5~3.5	160~240	2.0~3.0	480~640	6.0~8.0	12~24	1.5~3.0	≤120	3.9~4.4	-0.12
	KBI-4	0.35~0.45	3.5~4.5	240~320	3.0~4.0	560~720	7.0~9.0	24~36	3.0~4.5	≤120	4.2~4.9	-0.11
	KBI-5	0.45~0.52	4.5~5.2	320~360	4.0~4.5	560~720	7.0~9.0	36~44	4.5~5.5	≤120	4.5~5.0	-0.11
	KBI-5H(P PS)	0.48~0.52	4.8~5.2	400~480	5.0~6.0	880~1040	11.0~13.0	36~44	4.5~5.5	≤180	4.9~5.4	-0.1
	KBI-6	0.50~0.55	5.0~5.5	320~440	4.0~5.5	640~800	8.0~10.0	44~52	5.5~6.5	≤120	4.7~5.1	-0.11
	KBI-7	0.58~0.64	5.8~6.4	320~400	4.0~5.0	640~800	8.0~10.0	52~60	6.5~7.5	≤120	5.0~5.5	-0.11
	KBI-8	0.64~0.74	6.4~7.4	400~480	5.0~6.0	640~800	8.0~10.0	68~76	8.5~9.5	≤120	5.5~5.9	-0.11
注射成型 铁氧体 Injection Molding Ferrite Magnet	KBI-F1.5	0.22~0.24	2.2~2.4	160~167	2.00~2.10	231~240	2.90~3.00	11.6~12.4	1.45~1.55	/	3.25	-0.19
	KBI-F1.9	0.27~0.29	2.7~2.9	180~186	2.25~2.33	216~228	2.70~2.85	14.8~15.6	1.85~1.95	/	3.63	-0.19
	KBI-F2.0	0.28~0.29	2.8~2.9	184~200	2.30~2.50	216~246	2.70~3.10	15.6~16.4	1.95~2.05	/	3.7	-0.19
	KBI-F2.1	0.28~0.29	2.8~2.9	190~204	2.38~2.55	224~249	2.80~3.12	16.4~17.2	2.05~2.15	/	3.75	-0.19
	KBI-- F1.7(PPS)	0.25~0.26	2.5~2.6	167~175	2.10~2.20	208~216	2.60~2.70	13.6~14.0	1.70~1.75	/	3.65	-0.19