

Nd-Fe-B Bonded Magnet

Magnetic and physical properties

材質 GRADE	残留磁束密度 【Br】 Residual Flux Density	保磁力		最大エネルギー積 【(BH)max】 Max Energy Pduct	密度 Density
		【Hcb】 Coercive Force	【Hcj】 Intrinsic Coercive Force		
	mT (KG)	kA/m (kOe)	kA/m (kOe)	kJ/m ³ (MGOe)	g/cm ³
GPM-4	400-500 (4.0-5.0)	320-360 (4.0-4.5)	560-720 (7.0-9.0)	32-40 (4.0-5.0)	4.5-5.5
GPM-6	500-600 (5.6-6.0)	320-360 (4.0-4.5)	560-720 (7.0-9.0)	40-48 (5.0-6.0)	5.3-5.8
GPM-8	600-650 (6.0-6.5)	360-440 (4.5-5.5)	640-800 (8.0-10.0)	60-68 (7.5-8.5)	5.8-6.0
GPM-8L	600-680 (6.0-6.8)	400-480 (5.0-6.0)	640-800 (8.0-10.0)	64-72 (8.0-9.0)	5.8-6.0
GPM-10	680-710 (6.8-7.1)	400-480 (5.0-6.0)	640-800 (8.0-10.0)	76-84 (9.5-10.5)	5.8-6.0
GPM-10H	700-720 (7.0-7.2)	400-480 (5.0-6.0)	720-880 (9.0-11.0)	80-88 (10.0-11.0)	6.0-6.2
GPM-12	720-770 (7.2-7.7)	400-480 (5.0-6.0)	720-880 (9.0-11.0)	88-96 (11.0-12.0)	6.0-6.5
GPM-12D	720-770 (7.2-7.7)	440-520 (5.5-6.5)	800-960 (10.0-12.0)	88-96 (11.0-12.0)	6.0-6.5
GPM-12L	730-780 (7.3-8.0)	400-480 (5.0-6.0)	540-640 (7.0-8.0)	88-96 (11.0-12.0)	6.0-6.5
GPM-13L	750-830 (7.5-8.3)	400-480 (5.0-6.0)	540-640 (7.0-8.0)	96-104 (12.0-13.0)	6.0-6.5

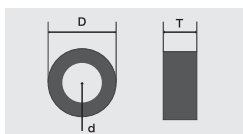
Suggestive:

Besides the above grades, our company also have the process capacity to manufacture custom-made Nd-Fe-B bonded magnet with specific characteristics to meet customers' requirements.

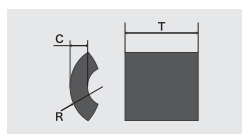
Physical Characteristics

Br 温度係数 Temp.Coefficient of Br	キュリー温度 Curie Temp.	最大使用温度 Max Working Temp.	飽和磁化磁場強度 【H】 Saturation Field Strangth	硬度 Hardness
(%/°C)	°C	°C	kA/m	HRB
-0.08 ~ -0.11	300~400	150~170	1600~2400	35~45

General Dimension · Shapes & Coating



Ring & Disk	
D	2.0-150mm
d	0.8-130mm
T	0.3-80mm



Segment	
R	1.5mm~
T	5mm~
C	0.8mm~

Type	OIL Dip	Epoxy Barrel	Epoxy Spray	Epoxy EP
Reliability	△	○	◎	◎
Dimension Accuracy	◎	◎	○	○
Cost	◎	◎	○	○

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