



Ningbo Realpower Magnetic Industry Co.,Ltd.

Sintered Neodymium



Bonded Neodymium Magnets

Materials include both Rare-Earth Magnets and Non-Rare-earth Magnets. Rare-Earth Magnets are of higher performance while Non- Rare-Earth Magnets are of cheaper price. Real magnetic always tries to provide its customers appropriate materials according to their actual requirements.

SPECIFICATIONS	GPM-4	GPM-6	GPM-8	GPM-8H	GPM-10	GPM-10H	GPM-12	GPM-12D
Br (mT) (KGs)	400~500 (4.0~5.0)	500~600 (5.0~6.0)	600~670 (6.0~6.7)	560~660 (5.6~6.6)	660~700 (6.6~7.0)	730 (6.9-7.3)	720~800 (7.2~8.0)	720~800 (7.2~8.0)
Hcb (KA/m) (Koe)	320~360 (4.0~4.5)	320~360 (4.0~4.5)	360~440 (4.5~5.5)	400~464 (5.0~5.8)	400~440 (5.0~5.5)	480 (5.0-6.0)	416~480 (5.2~6.0)	448~520 (5.6~6.5)
Hcj (KA/m) (Koe)	560~720 (7.0~9.0)	560~720 (7.0~9.0)	640~800 (8.0~10.0)	1040~1360 (13.0~17.0)	640~800 (8.0~10.0)	760-800 (9.5-10.0)	720~880 (9.0~11.0)	720~960 (9.0~12.0)
(BH)max (KJ/m³) (MGDe)	32~40 (4.0~5.0)	40~60 (5.5~7.5)	64~72 (8.0~9.0)	60~72 (7.5~9.0)	72~80 (9.0~10.0)	80~88 (10.0-11.0)	80~96 (11.0~12.0)	88~100 (11.0~12.5)
Ave. ReversibleTemp. Coefficient (%/°C)	-0.10	-0.1	-0.10	-0.13	-0.10	-0.10	-0.10	-0.07
Curie Temperature (°C)	>=400	>=400	>=400	>=305	>=360	>=360	>=360	>=470
Max. Operating temperature (°C)	150	150	140	140	140	150	150	160
Saturation Magnetizing Force(KA/m) (Koe)	1600 >=20	1600 >=20	2000 >=25	2800 >=35	1600 >=20	2000 >=25	1600 >=20	2000 >=25
Density (g/cm³)	4.5~5.5	5.3~5.8	5.6~6.0	5.6~6.0	5.8~6.1	6.0-6.2	6.2~6.6	6.2~6.6
Hardness HRB	40~45	40~45	35~38	35~38	35~38	35~38	35~38	35~38