

BONDED NdFeB MAGNETS

BONDED NdFeB MAGNETS (Compression Molded)

Typical Magnetic Properties

Grade	Max. Energy Product		Remanence		Coercive Force				Rev. Temp. Coeff.		Working Temp.	Density
	(BH) _{max}		B _r		H _c		H _{ci}		B _d	H _d	T _c	D
	MGOe	kJ/m ³	kG	mT	kOe	kA/m	kOe	kA/m	%/°C	%/°C	°C	g/cm ³
<u>N-B4</u>	4.0-5.0	32.5-40.6	4.5	450	4.3	344	8.0	640	-0.10	-0.40	150	4.5-5.0
<u>N-B6</u>	5.0-7.0	40.6-56.9	5.5	550	4.3	344	8.0	640	-0.10	-0.40	150	5.3-5.6
<u>N-B8</u>	7.5-8.5	60.9-69.1	6.3	630	5.3	424	10.0	800	-0.10	-0.40	140	5.8-6.0
<u>N-B8H</u>	8.0-9.0	65.0-73.1	6.4	640	5.6	448	15.0	1200	-0.13	-0.40	120	5.8-6.0
<u>N-B10</u>	9.0-10.0	73.1-81.3	6.9	690	5.3	424	9.5	760	-0.10	-0.40	120	6.0-6.2
<u>N-B10H</u>	9.0-10.0	73.1-81.3	6.8	680	5.6	448	10.0	800	-0.10	-0.40	130	6.0-6.2
<u>N-B12</u>	10.0-12.0	81.3-97.5	7.8	780	5.8	464	10.5	840	-0.10	-0.40	130	6.2-6.6
<u>N-B12H</u>	10.0-12.0	81.3-97.5	7.8	780	5.8	464	11.0	880	-0.07	-0.40	140	6.2-6.6

Binder: Epoxy - [Special properties can be achieved with custom method.](#)

BONDED NdFeB MAGNETS (Injection Molded)

Typical Magnetic Properties

Grade	Max. Energy Product		Remanence		Coercive Force				Rev. Temp. Coeff.		Working Temp.	Density
	(BH) _{max}		B _r		H _c		H _{ci}		B _d	H _d	T _c	D
	MGOe	kJ/m ³	kG	mT	kOe	kA/m	kOe	kA/m	%/°C	%/°C	°C	g/cm ³
N-BM4	3.5-4.7	28.4-38.2	4.7	470	3.7	296	8.5	680	-0.10	-0.40	130	4.0-5.0
N-BM6	5.2-7.0	42.3-56.9	5.2	520	4.3	344	10.0	800	-0.10	-0.40	180	5.0-5.5
N-BM6H	5.0-6.5	40.6-52.8	5.1	510	4.5	360	15.0	1200	-0.13	-0.40	150	5.0-5.5
N-BM8	7.5-8.5	60.9-69.1	6.2	620	5.2	416	10.0	800	-0.10	-0.40	150	5.0-5.5

Binder: Nylon6, Nylon12, or Polyamide - [Special properties can be achieved with custom method.](#)