



MAGNET MATERIAL CHARACTERISTICS

Sintered Alnico Magnets

Material & Grade	Max. Energy Product		Remanence		Coercive Force				Rev. Temp. Coeff.	Curie Temp.	Density
	(BH) max		B _r		H _c		H _{ci}		% / °C	T _c	D
	MGOe	kJ/m ³	kG	mT	Oe	kA/m	Oe	kA/m	% / °K	°C	g/cm ³
Alnico 2	1.5	12.0	7.1	710	550	44	570	45	-0.014	810	7.0
Alnico 5	3.9	31.2	10.5	1050	590	47	600	48	-0.016	810	6.9
Alnico 6	3.0	23.8	10.0	1000	700	56	710	57	-0.020	860	7.3
Alnico 8	4.0	32.0	8.0	800	1550	123	1600	128	-0.020	860	7.3
Alnico8HC	4.5	36.0	6.5	650	1700	136	1880	150	-0.020	860	7.3