

Permanent Magnets Available From P2PTechnologies; LLC

Contact: Sim.Narasimhan@P2PTechnologies.com

Major Grades used currently are listed below. All 26 grades available in the market can be supplied. Request info.

Specification Of Sintered NdFeB Magnets										
Material grade	Remanence		Coercive Force				Max.Energy Product			Max.Operating Temp
	B _r		H _C		H _{cl}		(BH) _{max}			°C
	T	kG	kA/m	kOe	kA/m	kOe	kJ/m³	MGOe		
N-48H	1.42-1.38	14.2-13.8	≥995	≥12.5	≥1353	≥17	390-366	46-49		120
N-45SH	1.38-1.30	13.8-13.0	≥971	≥12.2	≥1592	≥20	366-342	43-46		150
N-40	1.32-1,26	13.2-12,6	≥836	≥10.5	≥995	≥12	334-303	42-38		≥80
N-38UH	1.30-1.23	13.0-12.3	≥922	≥11.6	≥1990	≥25	318-286	40-36		180

Coatings Available in Zinc, Ni-Cu-Ni, Epoxy, Gold, Passivated

Specification Of Sintered Sm Co Magnets										
Material grade	Remanence		Coercive Force				Max.Energy Product		Density	Max.Operarting Temp
	B_r		H_c		H_{cl}		$(BH)_{max}$			
	T	kG	kA/m	kOe	kA/m	kOe	kJ/m^3	$MGOe$	g/cm³	°C
SS26U	1.00-1.08	10-10.8	756-836	9.5-10.5	≥1990	≥25	191-223	24-28	8.4	300
SS-30U	1.08-1.12	10.8-11.2	796-859	10.0-10.8	≥1990	≥25	223-247	28-31	8.4	300
SSM-18	0.80-0.90	8.0-9.0	621-700	7.8-8.8	≥1990	≥25	127-159	16.0-20.0	8.2-8.4	280
SSM-22	0.90-1.00	9.0-10.0	676-756	8.5-9.5	≥1190	≥15	159-191	20-24	8.2-8.4	280

Magnets can be tailored to fit your operational needs in Design. Samples for Prototypes are available.