Magnetic Properties of Injection Bonded NdFeB Magnets

Grade	Remanence(Br)		Coercivity Force(Hcb)		Intrinsic Coercive Force(Hcj)		Max. Energy Product(BHmax)		Maximum Operating Temp.	Binder
	mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m3	MGOe		
NdPA12-2	200-400	2.0-4.0	120-240	1.5-3.0	560-720	7.0-9.0	6.4-24	0.8-3.0	120 ℃	PA12
NdPA12-4	400-490	4.0-4.9	247-310	3.1-3.9	573-732	7.2-9.2	28-36	3.5-4.5	120 ℃	PA12
NdPA12-6	490-570	4.9-5.7	312-382	3.9-4.8	637-796	8.0-10.0	42-56	5.2-7.0	120 ℃	PA12
NdPA12-8	570-630	5.7-6.3	382-430	4.8-5.4	676-835	8.5-10.5	59-67	7.4-8.4	120 ℃	PA12
NdPA12-6H	480-560	4.8-5.6	334-398	4.2-5.0	1035-1353	13.0-17.0	40-52	5.0-6.5	120 ℃	PA12
NdPPS-4	452	4.52	300	3.77	671	8.43	35	4.4	180 ℃	PPS

Magnetic Properties of Injection Ferrite Magnets

Grade	Remanence(Br)		Coercivity Force(Hcb)		Intrinsic Coercive Force(Hcj)		Max. Energy Product(Bhmax)		Maximum Operating Temp.	Binder
	mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m3	MGOe		
FePA6-1.7	248-273	2.48-2.73	151-179	1.9-2.25	215-263	2.7-3.3	11.54-15.0	1.45-1.89	150℃	PA6
FePA6-1.8	262-289	2.62-2.89	170-199	2.13-2.51	217-255	2.73-3.21	12.5-15.9	1.57-1.99	150℃	PA6
FePA6-1.9	261-289	2.61-2.89	173-203	2.17-2.55	214-251	2.69-3.15	13.1-16.8	1.65-2.11	150℃	PA6
FePA6-2.1	277-307	2.77-3.07	174-205	2.19-2.57	208-244	2.61-3.07	14.7-18.7	1.85-2.35	150℃	PA6
FePA6-2.2	283-313	2.83-3.13	176-206	2.21-2.59	209-249	2.62-3.14	15.1-19.2	1.89-2.41	150℃	PA6
FePA12-1.4	222-246	2.22-2.46	159-186	2.0-2.34	239-286	3.0-3.6	9.5-12.1	1.20-1.52	120℃	PA12
FePA12-1.8	255-281	2.55-2.81	182-213	2.28-2.68	267-320	3.36-4.02	12.8-16.3	1.61-2.05	120℃	PA12
FePA12-1.9	266-294	2.66-2.94	171-200	2.14-2.52	212-254	2.67-3.19	13.6-17.3	1.71-2.17	120℃	PA12
FePA12-2.1	277-306	2.77-3.06	172-202	2.16-2.54	212-254	2.67-3.19	14.6-18.6	1.84-2.34	120℃	PA12
FePPS-1.8	256-288	2.56-2.88	171-201	2.15-2.53	221-264	2.78-3.32	12.6-16.3	1.58-2.05	180℃	PPS