

SINTERED AlNiCo TYPICAL MAGNETIC PROPERTIES

Grade	Remanence		Coercivity		Intrinsic Coercivity		Max. Energy Product		Density	Working Temp	Remark
	Br		Hcb		Hcj		(BH)max			Tc	
	KGs	T	KOe	Ka/m	Koe	Ka/m	MGOe	Kj/m3	g/cm3	°C	
FLN8	5.2	0.52	0.5	40	0.54	43	1.0-1.25	8-10	6.8	760	Isotropic
FLNG12	7	0.7	0.5	40	0.54	43	1.5-1.75	12-14	7	810	
FLNGT14	5.7	0.57	0.95	76	0.98	78	1.75-2.0	14-16	7.1	850	
FLNGT18	5.6	0.56	1.1	88	1.13	90	2.25-2.75	18-22	7.2	850	
FLNG28	10.5	1.05	0.58	46	0.59	47	3.5-4.15	28-33	7.2	850	Anisotropic
FLNG34	11	1.1	0.63	50	0.64	51	4.3-4.8	34-38	7.2	890	
FLNGT28	10	1	0.7	56	0.71	57	3.5-3.8	28-30	7.2	850	
FKNGT31	7.8	0.78	1.3	104	1.13	90	3.9-4.5	31-36	7.2	890	
FLNG33J	6.5	0.65	1.7	135	1.88	150	4.15-4.5	33-36	7.2	850	
FLNGT38	8	0.8	1.55	123	1.58	126	4.75-5.3	38-42	7.2	850	
FLNGT42	8.8	0.88	1.5	120	1.53	122	5.3-6.0	42-48	7.25	850	