

● MAGNETIC CHARACTERISTICS AND PHYSICAL PROPERTIES OF SINTERED AlNiCo

Grade	MMPA Equivalent	Br mT (Gs)	bHc KA/m (Oe)	iHc KA/m (Oe)	BHmax KJ/m ³ (MGOe)	Density g/cm ³	Br. Temp. Coefficient %/°C	Curie Temp. °C	Remarks
FLN8	S. AlNiCo-3	520	40	43	8-10	6.7	-0.020	760	Isotropic
		(5200)	(500)	(540)	(1.0-1.25)				
FLN12	S. AlNiCo-2	700	40	43	12-14	7.0	-0.014	810	
		(7000)	(500)	(540)	(1.5-1.75)				
FLN14		570	76	78	14-16	7.1	-0.020	850	
		(5700)	(950)	(980)	(1.75-2.0)				
FLN18	S. AlNiCo-7	600	95	107	18-22	7.2	-0.020	850	
		(6000)	(1200)	(1350)	(2.25-2.75)				
FLN28		1050	46	47	28-33	7.2	-0.016	850	
		(10500)	(580)	(590)	(3.5-4.15)				
FLN34	S. AlNiCo-5	1100	50	51	34-38	7.2	-0.016	890	
		(11000)	(630)	(640)	(4.3-4.8)				
FLNT28	S. AlNiCo-6	1000	56	57	28-30	7.2	-0.020	850	
		(10000)	(700)	(710)	(3.5-3.8)				
FLN38J		730	151	163	38-40	7.2	-0.020	850	
		(7300)	(1900)	(2050)	(4.75-5.0)				
FLNT38	S. AlNiCo-8	800	123	126	38-42	7.2	-0.020	850	
		(8000)	(1550)	(1580)	(4.75-5.3)				
FLNT42	S. AlNiCo-8	880	120	122	42-48	7.25	-0.020	850	
		(8800)	(1500)	(1530)	(5.3-6.0)				