

Magnetic and Physical Properties for Sintered AlNiCo Magnet

燒結鋁鎳鈷磁石特性表

New Favor Industry Co., Ltd.

新祺實業有限公司

Tel: (02) 2577-5038 (Rep.)

Fax: 886-2-2578-5017

<http://www.newfavor.com>



MMPA Equivalent	Grade	Br	Hc	BHmax	Curie Temp	Service Temp.	Coefficient of Br
		mT	KA/m	KJ/m3			
		Gauss	Oe	MGOe			
S. Alnico 3	FLN8	550	42	9.0	760	450	-0.022
		5500	530	1.13			
S. Alnico 2	FLNG12	700	48	12.4	810	450	-0.014
		7000	600	1.55			
S. Alnico 7	FLNGT18	580	90	18.0	860	450	-0.020
		5800	1130	2.20			
S. Alnico 5	FLNG34	1100	48	34.0	890	450	-0.016
		11000	600	4.25			
S. Alnico 6	FLNGT28	1000	56	28.0	850	450	-0.020
		10000	700	3.50			
S. Alnico 8	FLNGT38	800	120	38.0	850	450	-0.020
		8000	1500	4.75			
	FLNGT42	850	120	42.0	820	450	-0.020
		8500	1500	5.25			
S. Alnico 8HC	FLNGT33J	680	140	33.0	850	450	-0.025
		6800	1750	4.13			

Product features and advantage 產品特點:

The Sintered Alnico magnet is manufactured by powder metallurgical and sintered process.

燒結鋁鎳鈷磁石是採粉末冶金及燒結工藝等生產程序。

The Alnico magnet is good at corrosion resistance and with excellent temperature stability. It is ideal for high temperature, chemical and aerospace applications.

鋁鎳鈷磁石的耐溫特性非常穩定且其抗腐蝕效果佳，適合應用於耐高溫、化學工業或航太工業的產品上。

The sintered Alnico magnet is available with smaller size dimensions and complex magnet shapes.

燒結鋁鎳鈷磁石可以設計為較小尺寸及複雜形狀的產品上。

Applications: Automotive devices, microphones, loudspeakers, Radar devices, Meters, motors, Aerospace electronic devices, Sensors, Generator...etc.

用途: 汽車零件、麥克風、喇叭、雷達、儀表、航太儀器、感應器及發電機...等。