

NH2CA 材料特性  
NH2CA Material Characteristics

初始磁导率 $\mu_i$ initial permeability $\mu_i$	2400±25%	
饱和磁通密度 $B_s$ (mT) Saturation flux density 1194A/m	25°C	520
	100°C	400
剩磁 $B_r$ (mT) Residual flux density	25°C	160
	100°C	60
矫顽力 $H_c$ (A/m) Coercivity	25°C	13
	100°C	6.5
功率损耗 $P_v$ mw/cm <sup>3</sup> Power Loss	100kHz, 200mT	
	25°C	600
	60°C	450
	100°C	280
	120°C	380
居里温度 $T_c$ (°C) Curie temp.	≥215°C	
电阻率 $\rho$ ( $\Omega \cdot m$ ) Resistivity	6.5	
密度 $d$ (g/cm <sup>3</sup> ) Density	4.8	

以上数据是根据标准样环  $\Phi 25 \times \Phi 15 \times 8$  获得典型数据，有关产品的具体性能会在此基础上有所调整。

The above typical data are calculated from the standard toroid core. The specific property of any parts will be adjusted a little based on these data.

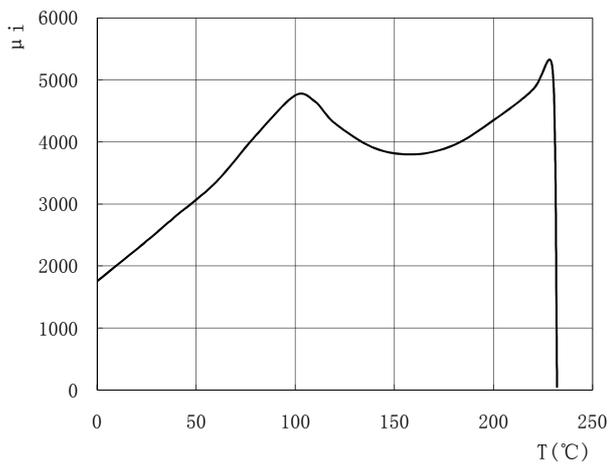


Fig1 Permeability vs. Temperature

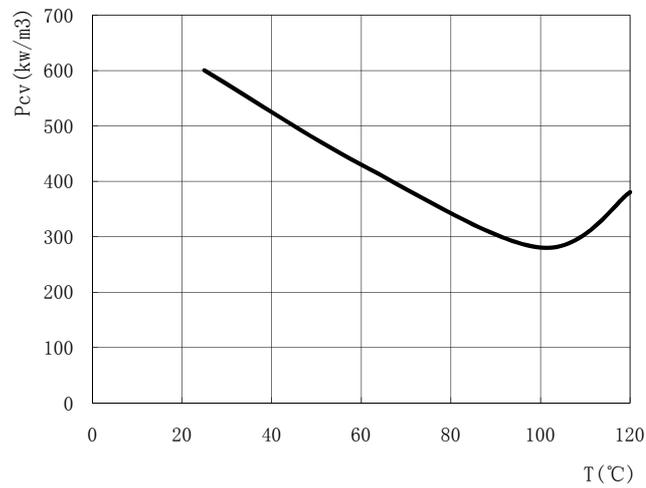


Fig.2 Power Loss(100kHz, 200mT) vs. Temperature

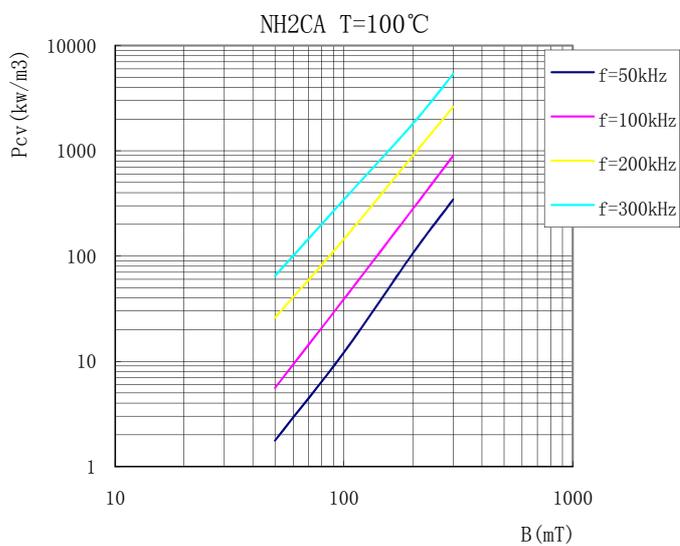


Fig.3 Power Loss vs. Flux Density

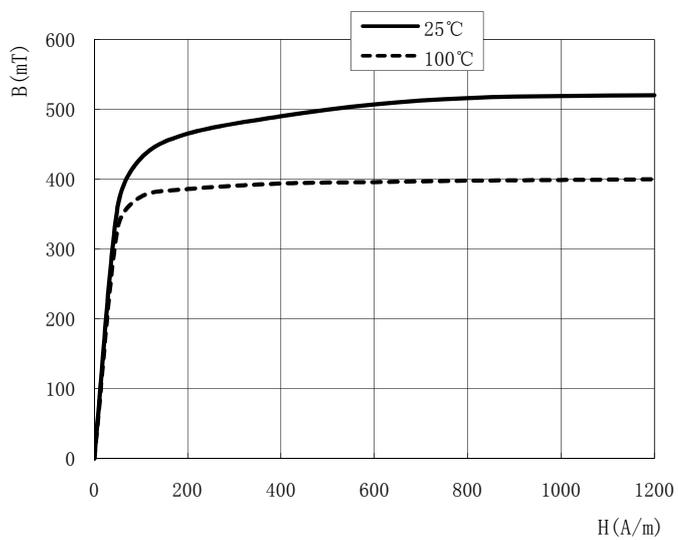


Fig.4 Magnetization Curves