

NH2G 材料特性
NH2G Material Characteristics

初始磁导率 μ_i initial permeability μ_i	2500±25%	
饱和磁通密度 B_s (mT) Saturation flux density 1194A/m	25℃	530
	100℃	420
剩磁 B_r (mT) Residual flux density	25℃	180
	100℃	60
矫顽力 H_c (A/m) Coercivity	25℃	13
	100℃	6
功率损耗 P_v mw/cm ³ Power Loss	100kHz, 200mT	
	25℃	600
	60℃	400
	100℃	250
	120℃	360
居里温度 T_c (℃) Curie temp.	≥230℃	
电阻率 ρ ($\Omega \cdot m$) Resistivity	4	
密度 d (g/cm ³) Density	4.9	

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.

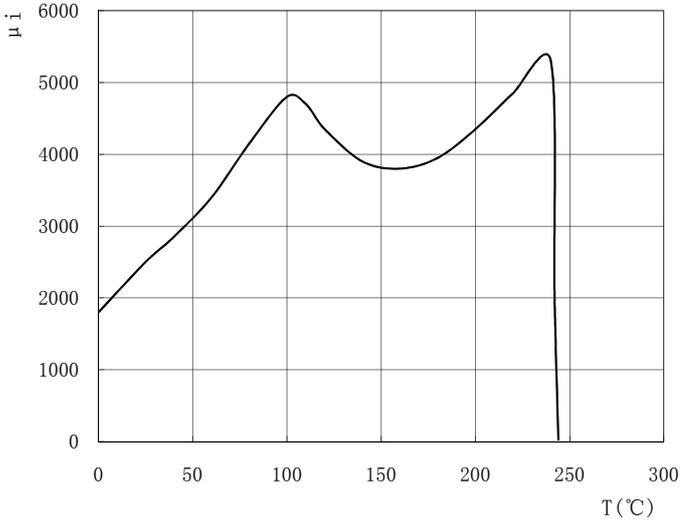


Fig1 Permeability vs. Temperature

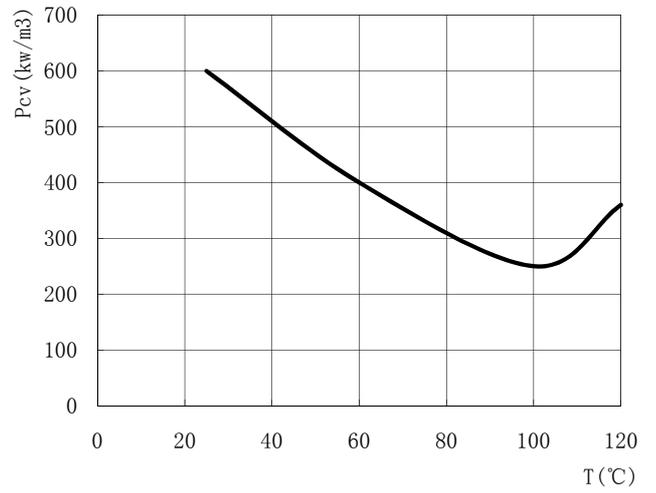


Fig.2 Power Loss(100kHz, 200mT) vs. Temperature

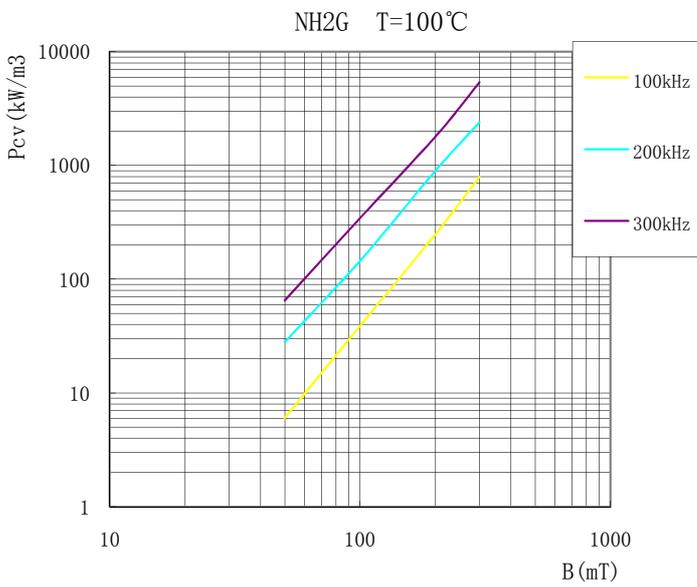


Fig.3 Power Loss vs. Flux Density

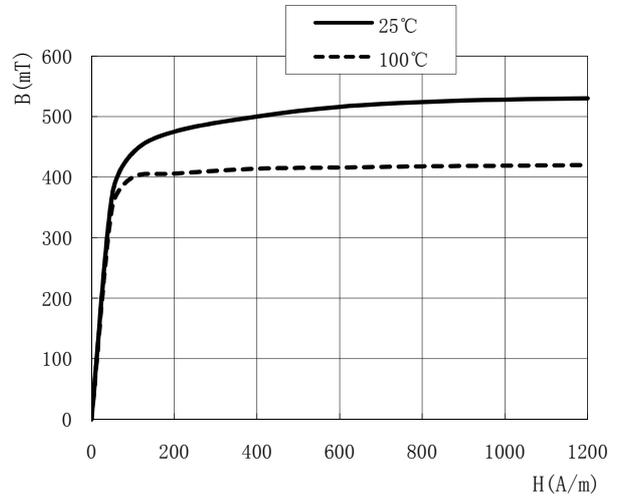


Fig.4 Magnetization Curves