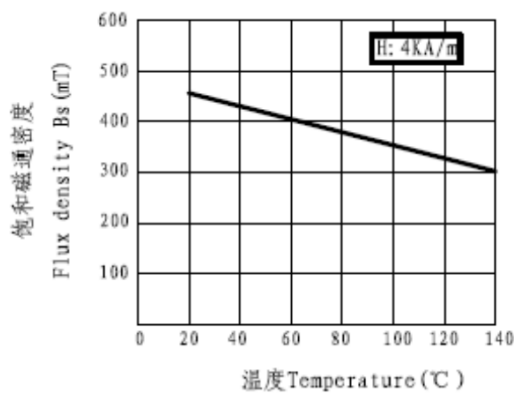
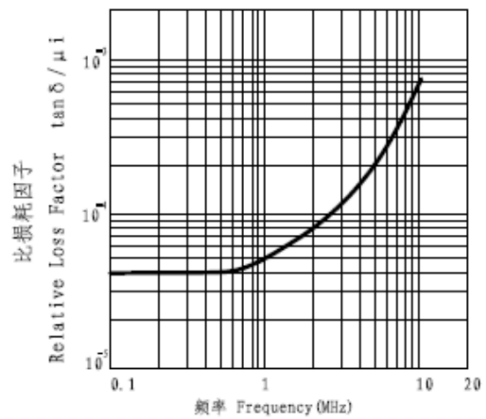
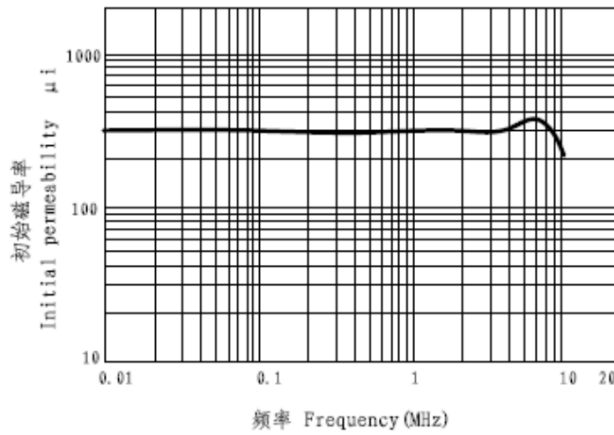
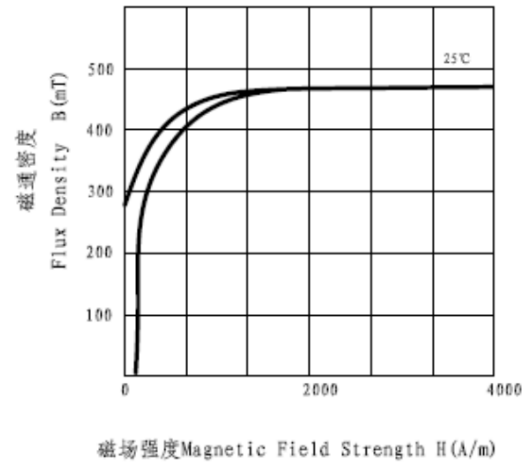
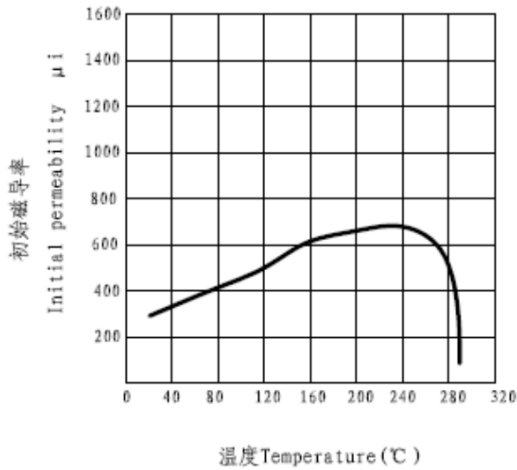


# DN30B 材料特性

## DN30B Material Characteristics

特性 CHARACTERISTICS	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 $\mu_i$ Initial Permeability	1KHz, B<0.25mT	25°C	300±25%
比损耗系数 $\tan\delta/\mu_i (\times 10^{-6})$ Relative Loss Factor	100kHz	25°C	40
饱和磁感应强度 $B_s$ (mT) Saturation Magnetic Flux Density	50Hz, H=4000A/m	25°C	480
剩磁 $B_r$ (mT) Residual Flux Density	50Hz, H=4000A/m	25°C	320
矫顽力 $H_c$ (A/m) Coercive Force	50Hz, H=4000A/m	25°C	65
比温度系数 $\alpha_{\mu r} (\times 10^{-6}/^\circ\text{C})$ Relative Temperature Coefficient		20°C~ 60°C	15~40
居里温度 $T_c$ (°C) Curie Temperature	f=10kHz, B<0.25mT		>260
电阻率 $\rho$ ( $\Omega\cdot\text{m}$ ) Resistivity		25°C	>10 <sup>5</sup>
密度 $d$ (g/cm <sup>3</sup> ) Density		25°C	5.2



以上数据是根据标准样环  $\phi 25 \times \phi 15 \times 8$  获得的典型数据，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. Specific performance of the product will be adjusted on this basis.