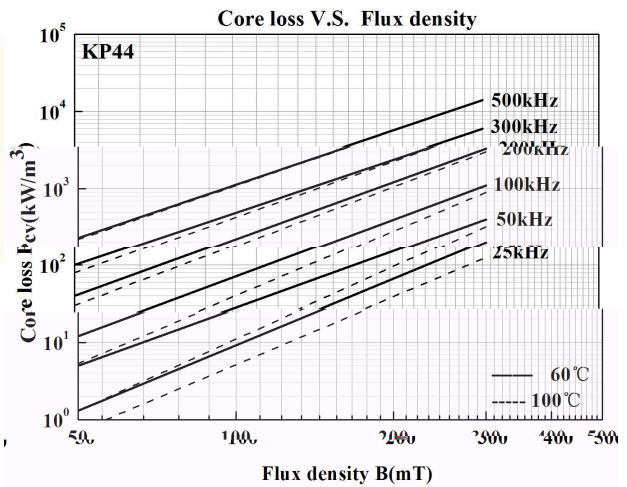
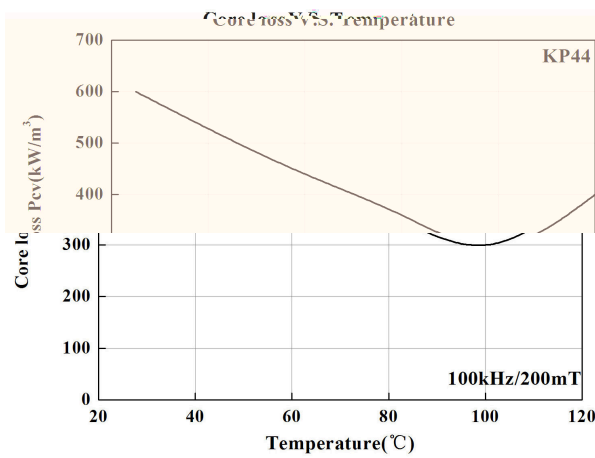
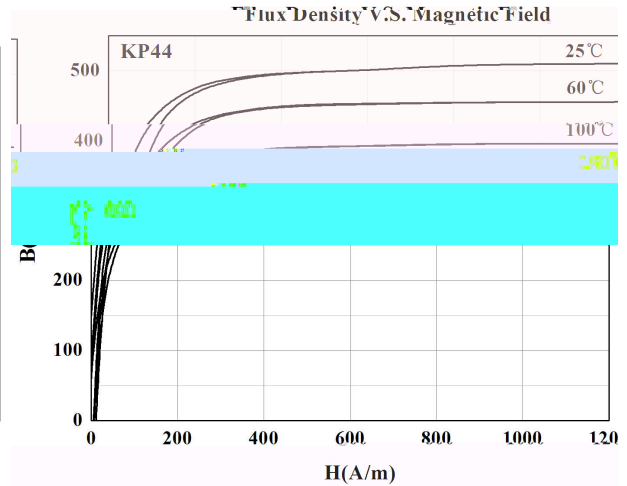
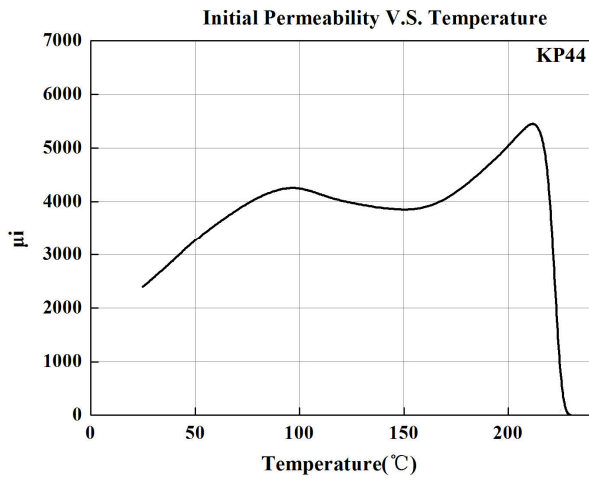


## KP44 材料特性

### Material Characteristics

特性 Symbol	单位 Unit	测试条件 Conditions		典型值 Value
初始磁导 $\mu_i$ Initial permeability ( $\pm 25\%$ )		10 kHz $B \leq 0.25\text{mT}$	25°C	2400
饱和磁感应强度 $B_s$ Saturation flux density	mT	60 Hz 1194 A/m	25°C	510
			100°C	410
剩磁 $B_r$ Residual magnetic flux density	mT		25°C	110
			100°C	60
矫顽力 $H_c$ Coercive force	A/m		25°C	13
功耗 $P_{cv}$ Power loss	$\text{kW/m}^3$		100 kHz 200 mT	25°C
		60°C		400
		100°C		300
		120°C		400
居里温度 $T_c$ Curie temperature	°C			215
电阻率 Resistivity	$\Omega \cdot \text{m}$		25°C	7
密度 $d$ Density	$\text{kg/m}^3$		25°C	$4.8 \times 10^3$



以上数据是根据标准样环  $\phi 25 \times \phi 15 \times 7.5$  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.