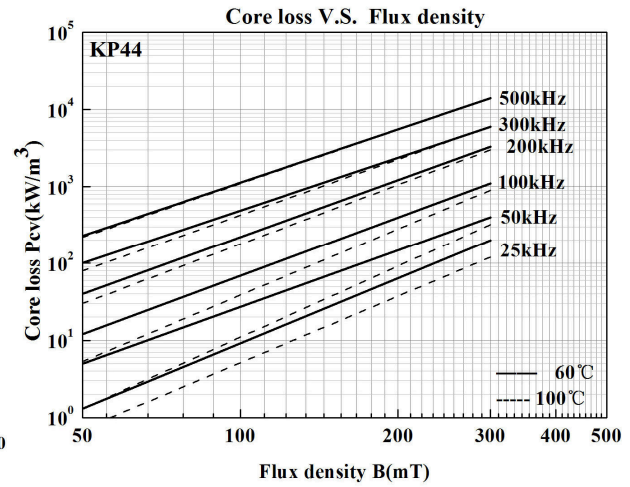
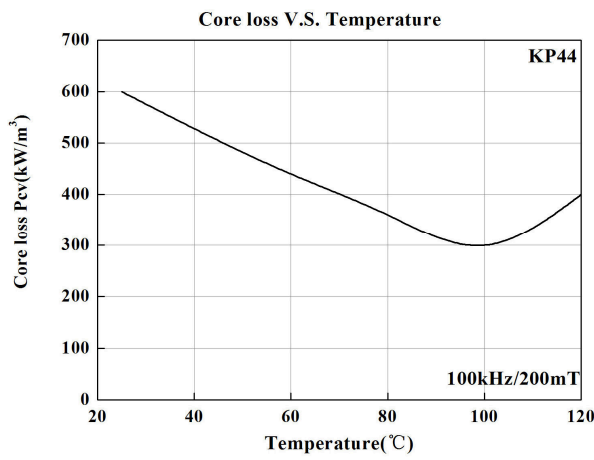
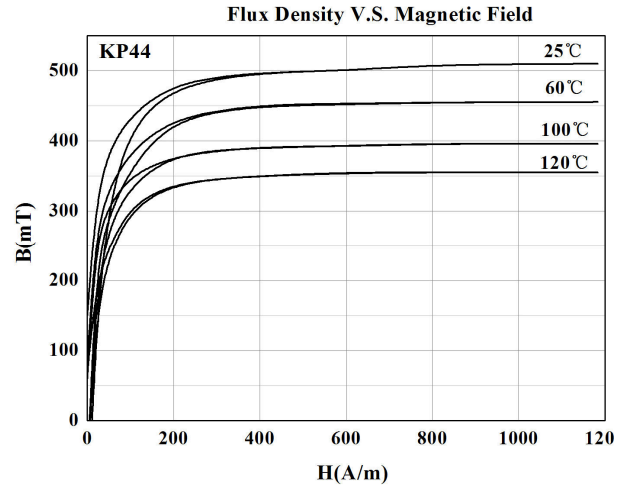
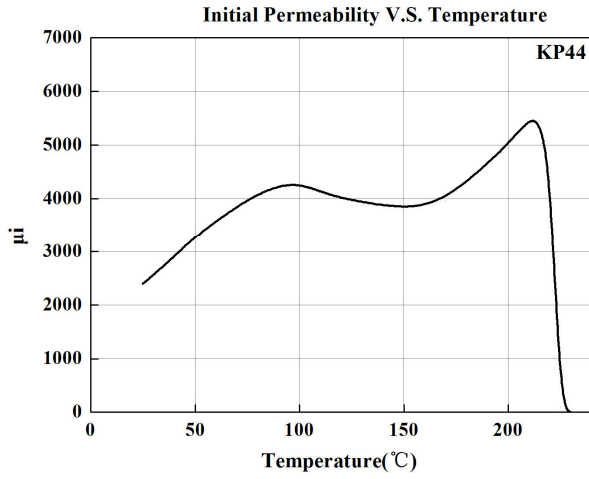


KP44 材料特性

Material Characteristics

特性 Symbol	单位 Unit	测试条件 Conditions		典型值 Value
初始磁导 μ_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	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	kg/m^3		25°C	4.8×10^3



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.