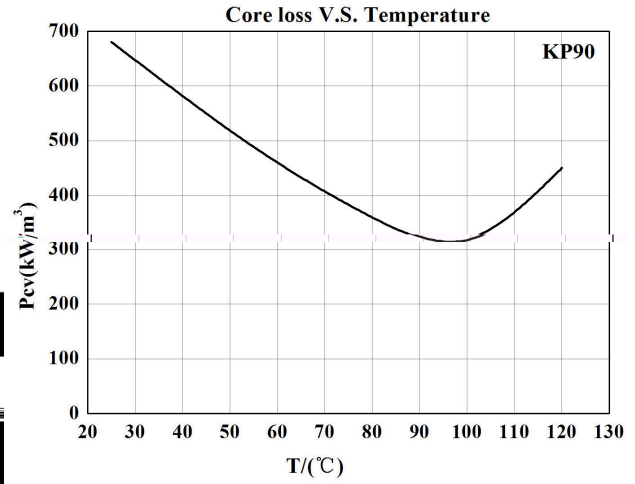
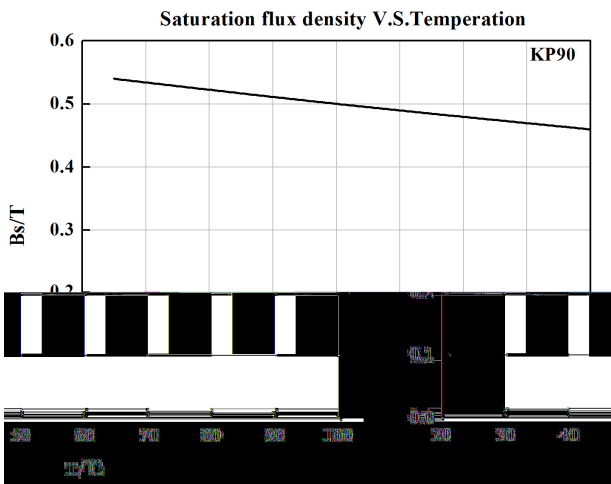
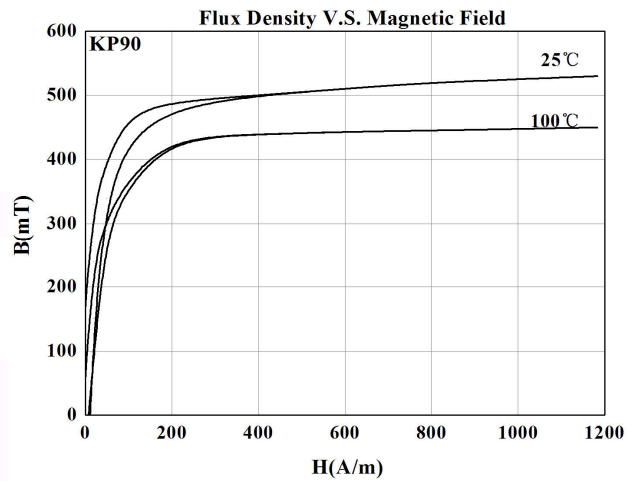
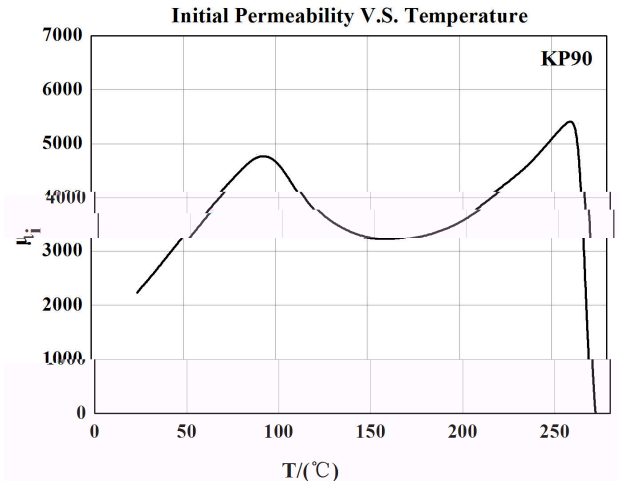


## KP90 材料特性

### 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 ( $\pm 25\%$ )		25°C		2200
饱和磁感应强度 $B_s$ Saturation flux density	mT	60 Hz 1194 A/m	25°C	540
			100°C	450
剩磁 $B_r$ Residual magnetic flux density	mT	25°C		170
		100°C		60
矫顽力 $H_c$ Coercive force	A/m	25°C		12
功耗 $P_{cv}$ Power loss	kW/m <sup>3</sup>	100 kHz 200 mT	25°C	680
			60°C	470
			100°C	320
			120°C	450
居里温度 $T_c$ Curie temperature	°C			250
电阻率 Resistivity	$\Omega \cdot m$	25°C		3
密度 $d$ Density	kg/m <sup>3</sup>	25°C		$4.9 \times 10^3$



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.