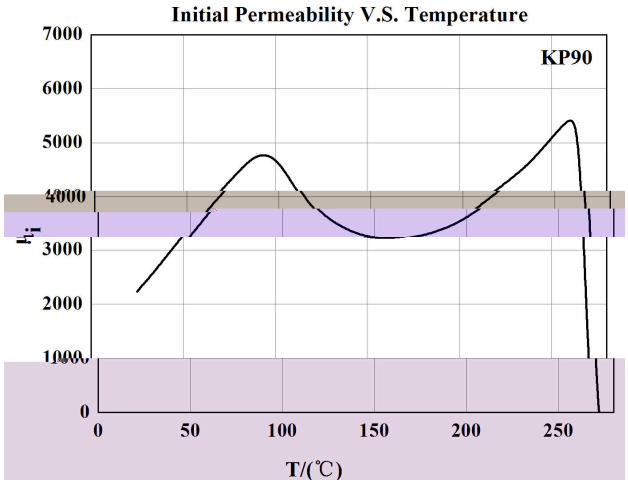
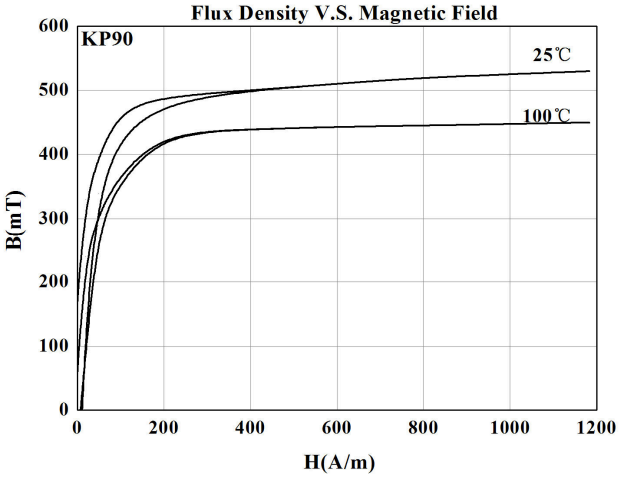
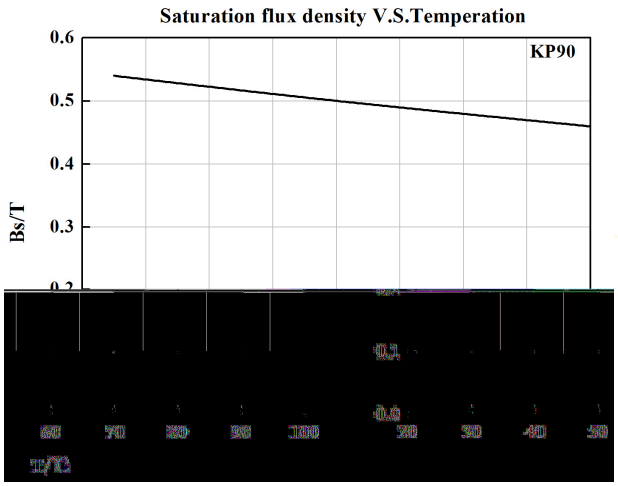
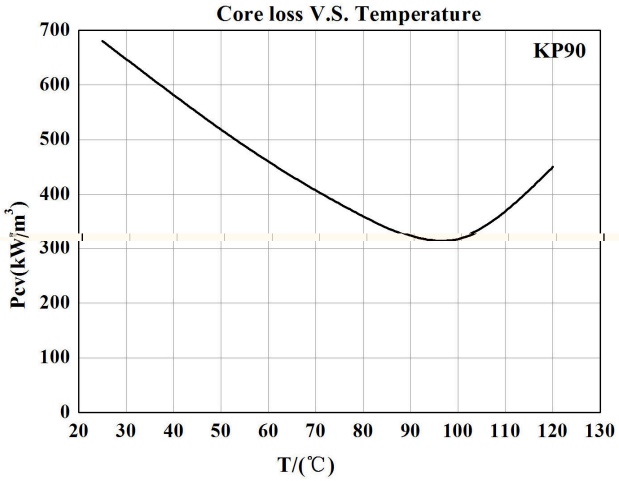
KP90 材料特性
Material Characteristics

特性 Symbol	单位 Unit	测试条件 Conditions		典型值 Value
初始磁导 μ_i Initial permeability (±25%)		25℃		2200
饱和磁感应强度 Bs Saturation flux density	mT	60 Hz 1194 A/m	25℃	540
			100℃	450
剩磁 Br Residual magnetic flux density	mT	25℃		170
		100℃		60
矫顽力 Hc Coercive force	A/m	25℃		12
功耗 Pcv Power loss	kW/m^3	100 kHz 200 mT	25℃	680
			60℃	470
			100℃	320
			120℃	450
居里温度 Tc Curie temperature	℃			250
电阻率 Resistivity	Ω·m	25℃		3
密度 d Density	kg/m^3	25℃		4.9×10^3









以上数据是根据标准样环 φ25×φ15×7.5 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.