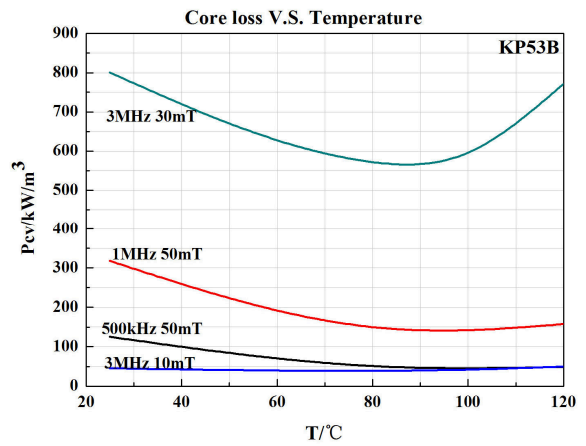
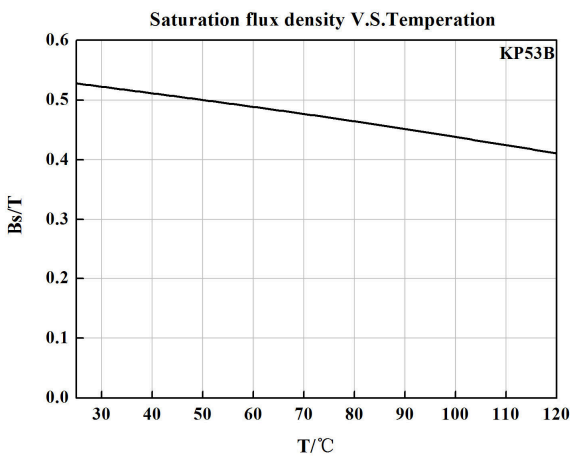
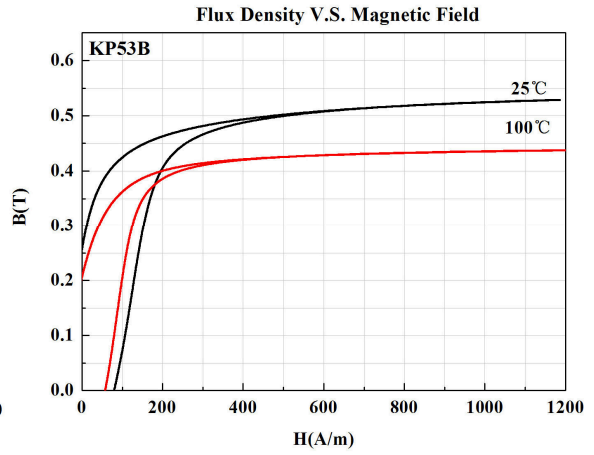
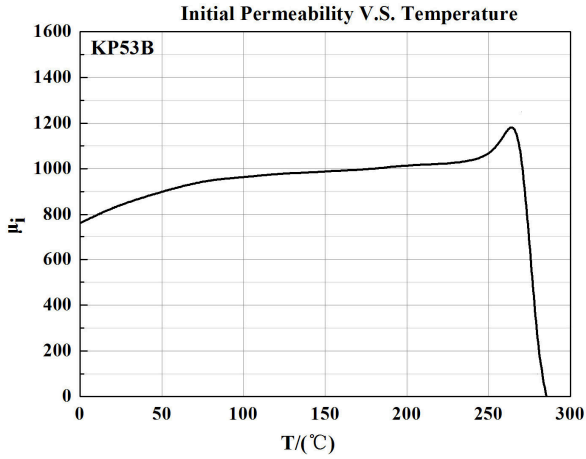


## KP53B 材料特性

### 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		800
饱和磁感应强度 $B_s$ Saturation flux density	mT	60 Hz 1194 A/m	25°C	520
			100°C	430
剩磁 $B_r$ Residual magnetic flux density	mT	25°C		300
		100°C		180
矫顽力 $H_c$ Coercive force	A/m	25°C		65
功耗 $P_{cv}$ Power loss	kW/m <sup>3</sup>	500kHz 50mT	100°C	60
		1MHz 50mT		180
		3MHz 10mT		60
		3MHz 30mT		800
居里温度 $T_c$ Curie temperature	°C			280
电阻率 Resistivity	$\Omega \cdot m$	25°C		10
密度 $d$ Density	kg/m <sup>3</sup>	25°C		4.7



以上数据是根据标准样环  $\phi 25 \times \phi 15 \times 5.0$  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.