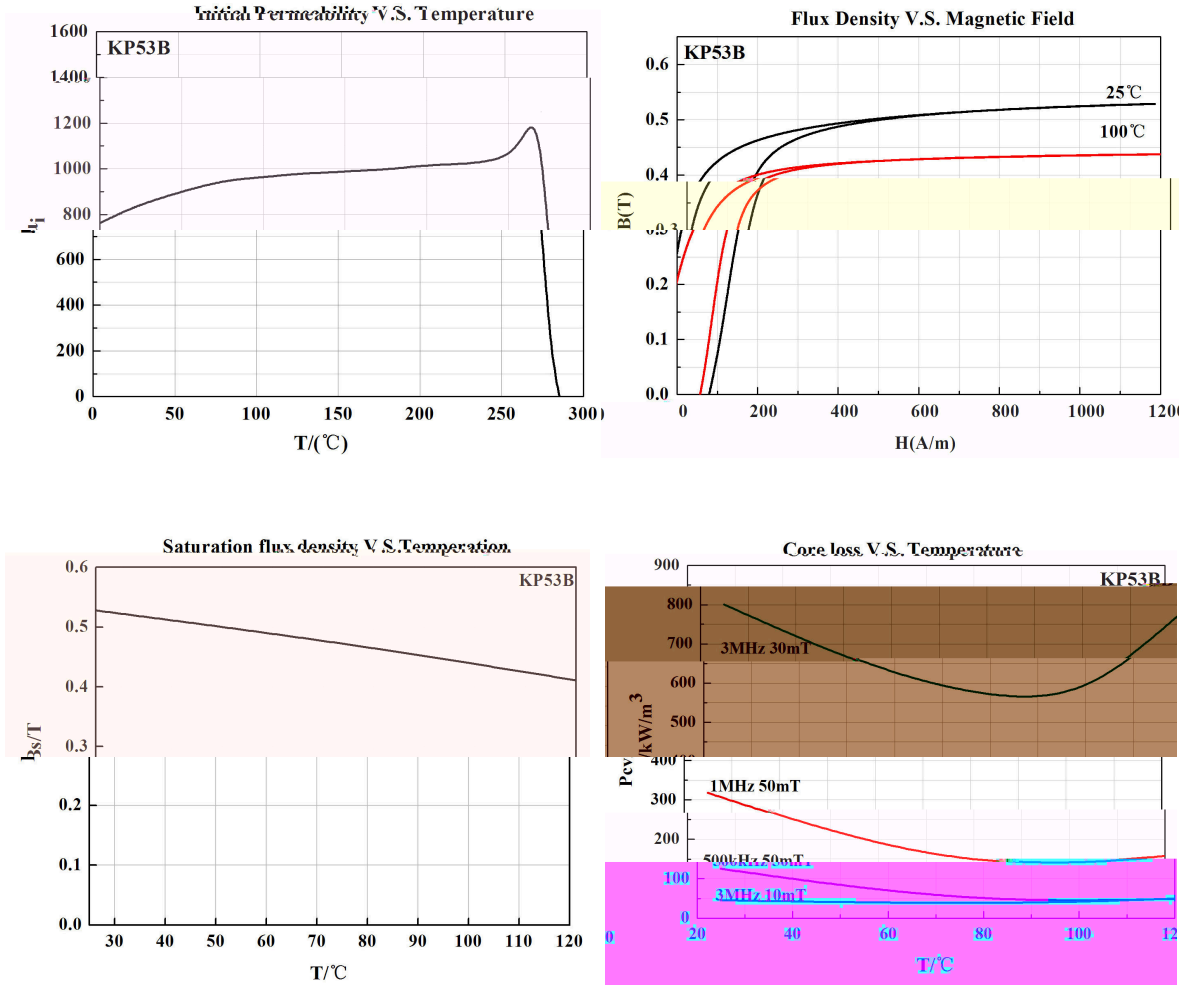


KP53B 材料特性

Material Characteristics

特性 Symbol	单位 Unit	测试条件 Conditions		典型值 Value
初始磁导 μ_i Initial permeability ($\pm 25\%$)		25°C		800
饱和磁感应强度 B_s Saturation flux density	mT	$\pm 5\%$ ($\pm 0.5\%$)	25°C	520
			$\pm 100^\circ\text{C}$	(+0)
剩磁 B_r Residual magnetic flux density	mT	25°C		+0.0
		$\pm 100^\circ\text{C}$		± 0.8
矫顽力 H_c Coercive force	kA/m	25°C		#5
损耗 P_{20-30} Core loss	$0.4 \times 10^4 \text{ W/kg}$	5000 A/m	$\pm 100^\circ\text{C}$	#0
		$\pm 1 \text{ A/m}$		± 0.8
		$\pm 1 \text{ A/m}$		#0
		$\pm 1 \text{ A/m}$		800
居里温度 T_c Curie temperature	°C			280
电阻率 ρ Resistivity	$5 \times 10^{-6} \Omega \cdot \text{m}$	25°C		± 0
密度 d Density	$7.0 \times 10^{-3} \text{ g/cm}^3$	25°C		(89)



以上数据是根据标准样环 :25 ; :&5 ;580 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。

"<e abo/e typical data are .al.ulated rom t<e standard toroid .ore& . Spe.i i. per orman.e o t<e produ.t 3 ill be ad-usted on t<is basis&