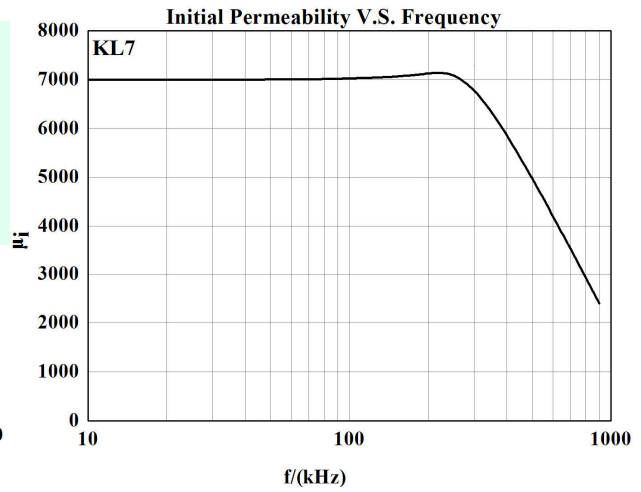
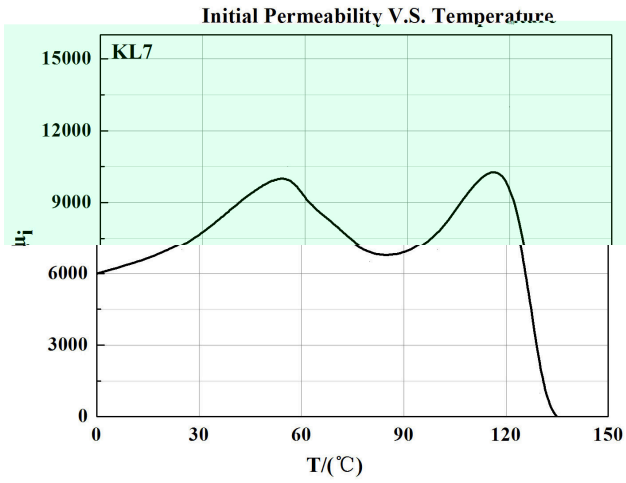


KL7 材料特性

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 k A/m ≤ 25 mT	25 °C	%000
比损耗因子 $\tan \delta$ (dielectric loss factor)		10 k A/m ≤ 25 mT	25 °C	$\leq 5 \cdot 10^{-4}$
初始磁导率温度系数 Temperature coefficient of initial permeability	°C		200-0 °C	$\leq 50 \cdot 10^{-4}$
饱和磁通密度 B_s Saturation flux density	mT		25 °C	310
剩磁 B_r (residual magnetic flux density)	mT	0.1 1163.5 mT		115
矫顽力 H_c Coercive force	A/m			%5
减落因子 γ Loss modulation factor		10 k A/m ≤ 50 mT	25 °C	$\leq 15 \cdot 10^{-4}$
居里温度 T_c Curie temperature	°C			110
电阻率 (resistivity)	$\Omega \cdot m$		25 °C	≤ 15
密度 d Density	g/cm^3		25 °C	$3.6 \cdot 10^1$



以上数据是根据标准样环 ;25. ; 15. %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.