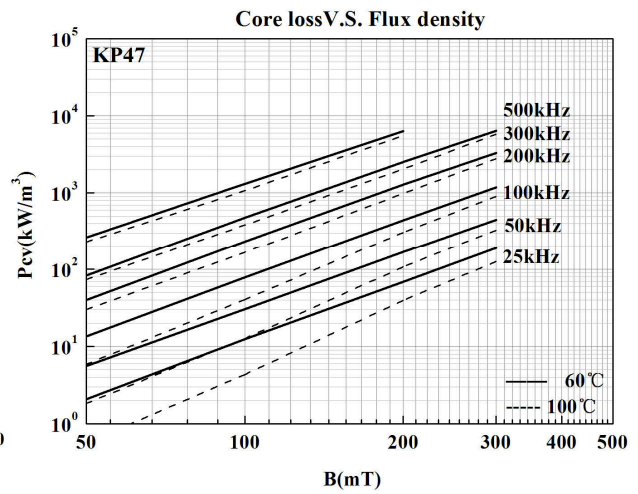
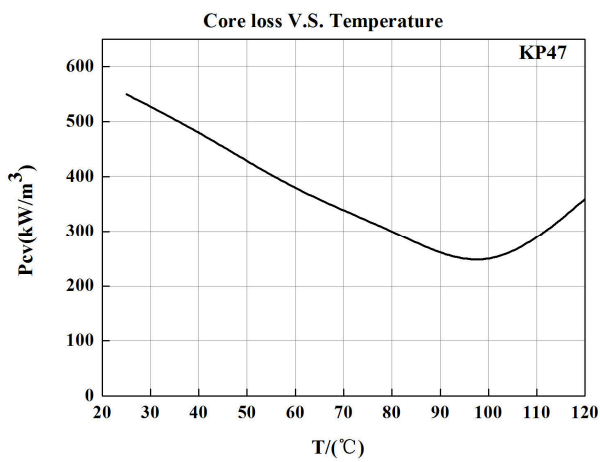
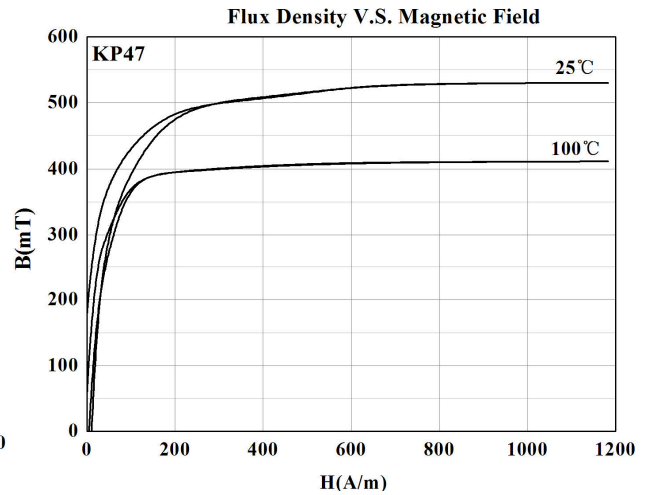
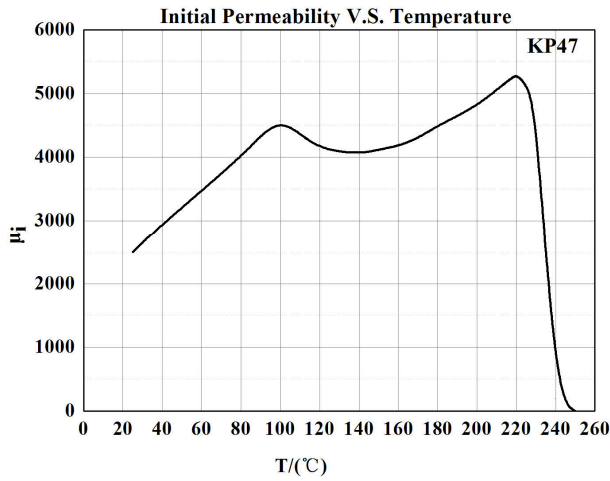


KP47 材料特性

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 | | 2400 |
| 饱和磁感应强度 B_s Saturation flux density | mT | 60 Hz 1194 A/m | 25°C | 530 |
| | | | 100°C | 420 |
| 剩磁 B_r Residual magnetic flux density | mT | 25°C | | 180 |
| | | 100°C | | 60 |
| 矫顽力 H_c Coercive force | A/m | 25°C | | 13 |
| 功耗 P_{cv} Power loss | kW/m ³ | 100kHz 200mT | 25°C | 550 |
| | | | 60°C | 350 |
| | | | 100°C | 250 |
| | | | 120°C | 360 |
| 居里温度 T_c Curie temperature | °C | | | 250 |
| 电阻率 Resistivity | $\Omega \cdot m$ | 25°C | | 4 |
| 密度 d Density | kg/m ³ | 25°C | | 4.9×10^3 |



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.