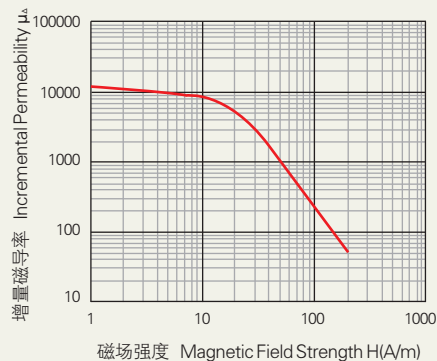
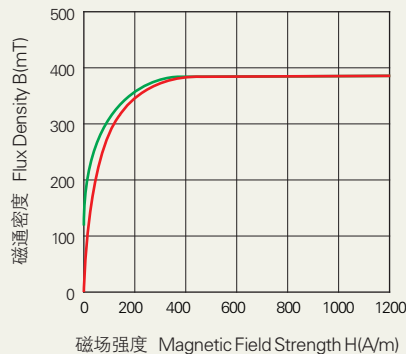
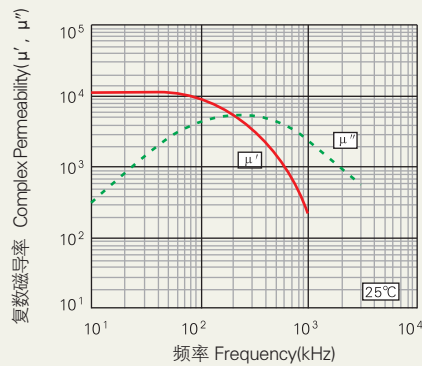
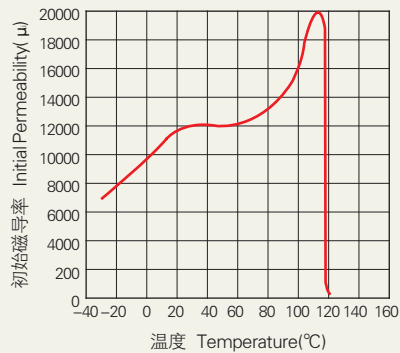


R12K材料特性 · R12K Material Characteristics

特性 SYMBOL	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 μ_i Initial permeability	10kHz, B<0.25mT	25°C	12000 ± 30%
比损耗因子 $\tan \delta / \mu_i$ Relative loss factor	10kHz, B<0.25mT	25°C	$< 7.0 \times 10^{-6}$
饱和磁通密度 B_s (mT) Saturation flux density	50Hz, 1194A/m	25°C	380
剩磁 B_r (mT) Residual flux density		25°C	100
矫顽力 H_c (A/m) Coercive force		25°C	6
比温度系数 $\alpha \mu_r$ (1/°C) Relative temperature coefficient		20°C ~ 60°C	$-0.5 \sim 2.0 \times 10^{-6}$
磁滞常数 η_B (/mT) Hysteresis material constant	10kHz, 1.5~3mT	25°C	$< 1.5 \times 10^{-6}$
居里温度 T_c (°C) Curie temperature			> 110
电阻率 ρ ($\Omega \cdot m$) Resistivity			0.15
密度 d (g/cm^3) Density			4.9



以上数据是根据标准样环 $\phi 25 \times \phi 15 \times 8$ 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.