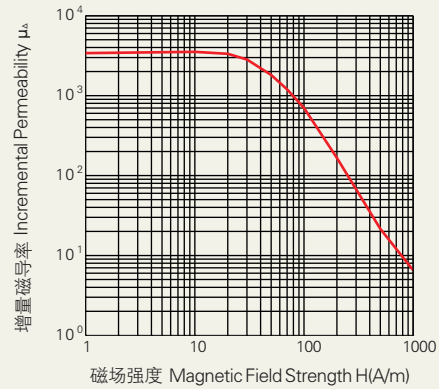
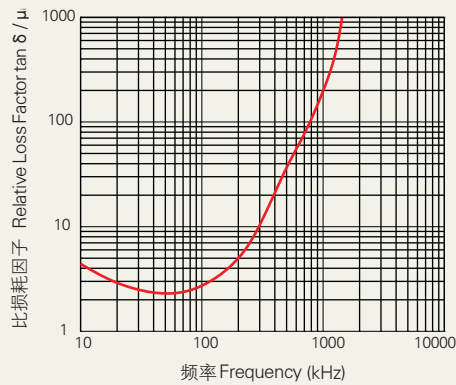
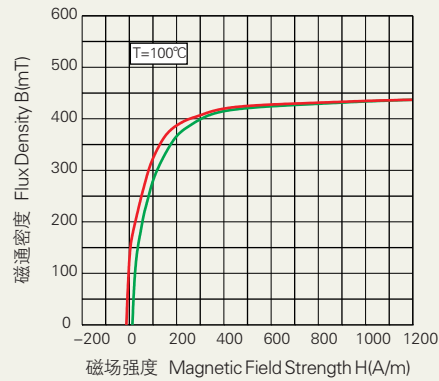
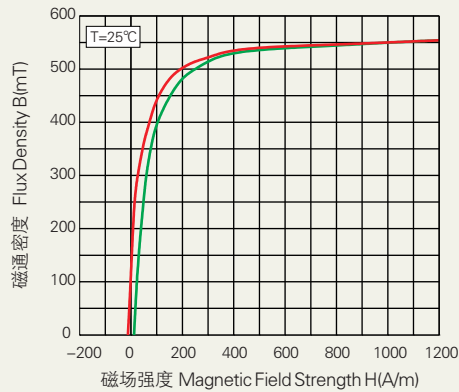
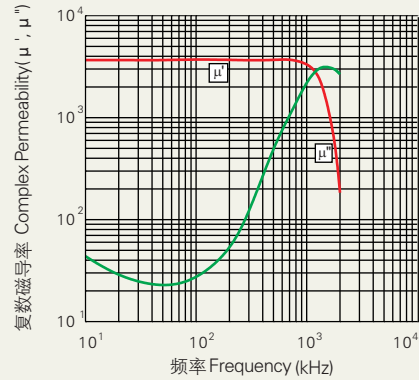
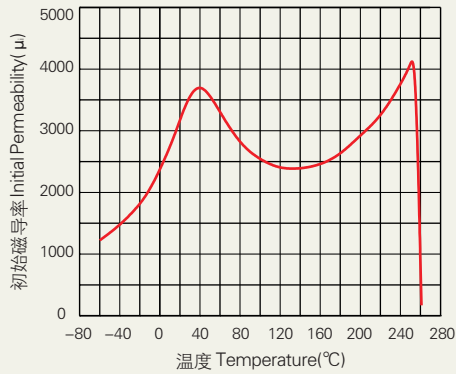


## DMR71 材料特性 · DMR71 Material Characteristics

特性 SYMBOL	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 $\mu_i$ Initial permeability	10kHz, B<0.25mT	25°C	3800 ± 25%
饱和磁通密度 $B_s$ (mT) Saturation flux density	50Hz, 1194A/m	25°C	550
		100°C	435
剩磁 $B_r$ (mT) Residual flux density		25°C	120
		100°C	180
矫顽力 $H_c$ (A/m) Coercive force		25°C	12
		100°C	15
比损耗因子 $\tan \delta / \mu_i$ Relative loss factor	10kHz, 0.25mT	25°C	$\approx 1 \times 10^{-6}$
	100kHz, 0.25mT	25°C	$\approx 2 \times 10^{-6}$
比温度系数 $\alpha \mu_r$ (1/°C) Relative temperature coefficient	10kHz, B<0.25mT	5~25°C	$\approx 4.44 \times 10^{-6}$
		25~55°C	$\approx -2.22 \times 10^{-6}$
磁滞常数 $\eta_B$ (/mT) Hysteresis material constant	10kHz, 1.5~3mT	25°C	$< 0.3 \times 10^{-6}$
居里温度 $T_c$ (°C) Curie Temperature	10kHz, B<0.25mT		> 255
密度 $d$ (g/cm <sup>3</sup> ) Density		25°C	4.85

## DMR71材料特性 · DMR71 Material Characteristics



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.