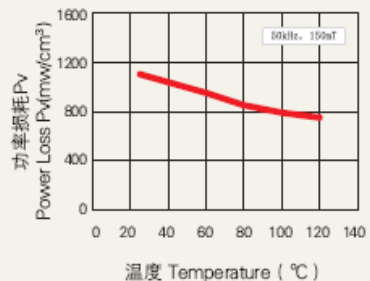
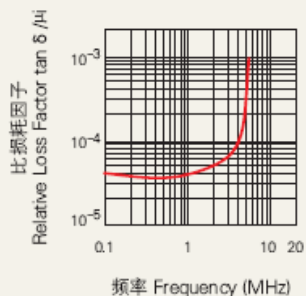
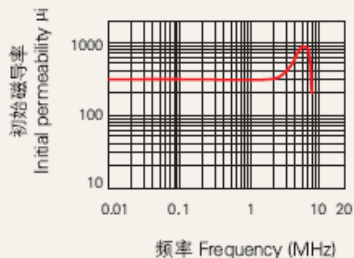
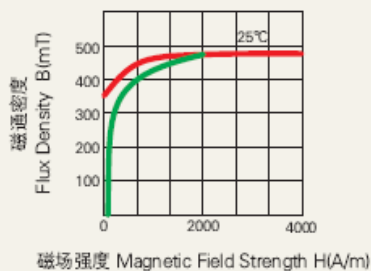
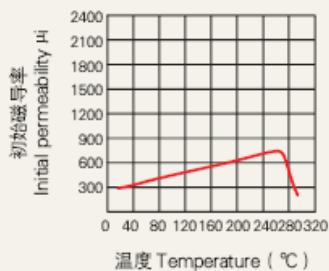


# DN30L材料特性 DN30L Material Characteristics

项目 Item	符号 Symbol	测试条件 Condition	标称值 Value	单位 Unit
初始磁导率 Initial Permeability	$\mu_i$		300 ± 25%	
工作频率 Working Frequency	f	25℃	0.05-3	MHz
比损耗因子 Relative Loss Factor	$\tan \delta / \mu_i$	25℃	40 0.1MHz	$\times 10^{-6}$
饱和磁通密度 Saturation Magnetic Flux Density	Bs	25℃	480 4000A/m	mT
剩磁 Remanence	Br	25℃	350	mT
矫顽力 Coercive Force	Hc	25℃	65	A/m
比温度系数 Relative Temperature Coefficient	$a \mu_r$		15-30	$\times 10^{-6}/^{\circ}C$ 20° C ~ 60° C
居里温度 Curie Temperature	Tc		>250	° C
电阻率 Electrical Resistivity	$\rho$	25℃	>10 <sup>5</sup>	$\Omega \cdot m$
密度 Density	d	25℃	5.2	g/cm <sup>3</sup>



注：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. The specific property of any parts will be adjusted a little based on these data.