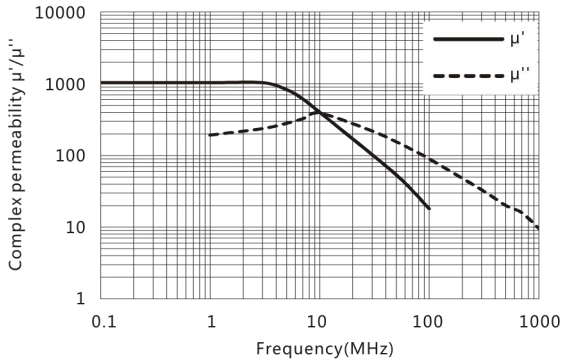


# 材料 Ma a TN100B

## 特点 F a

高饱和磁通密度 H B

**Complex permeability vs.Frequency**



Initial permeability	$\mu_i$	25°C	1000±20%
Saturation magnetic flux density	$B_s$ (mT)	25°C	320
Relative loss factor 50kHz	$\tan\delta/\mu_i$ ( $\times 10^{-6}$ )	25°C	≤10
Relative temperature coefficient	$\alpha_{\mu_r}$ ( $\times 10^{-6}/^\circ\text{C}$ )	20 ~ 60°C	5
Curie temperature	$T_c$ (°C)		>130
Electrical resistivity	$\rho$ (Ω·m)		$10^6$
Density	$d$ (kg/m <sup>3</sup> )		$5.2 \times 10^3$

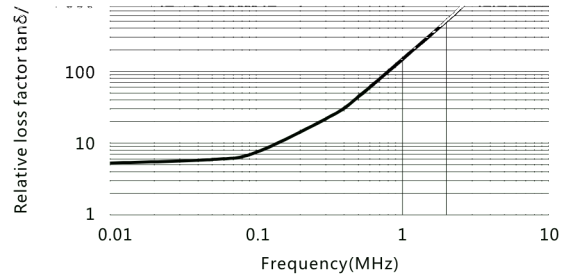
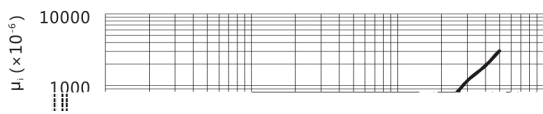
Test core : Toroid(mm)

OD : 12.7

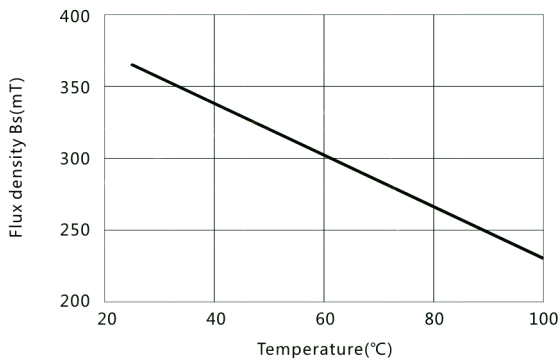
ID : 7.9

H : 6.5

**Relative loss factor vs.Frequency**



**Flux density vs. Temperature**



**Initial permeability vs. Temperature**

