

2N6

## 標準材質特性

Standard Characteristics Of Material

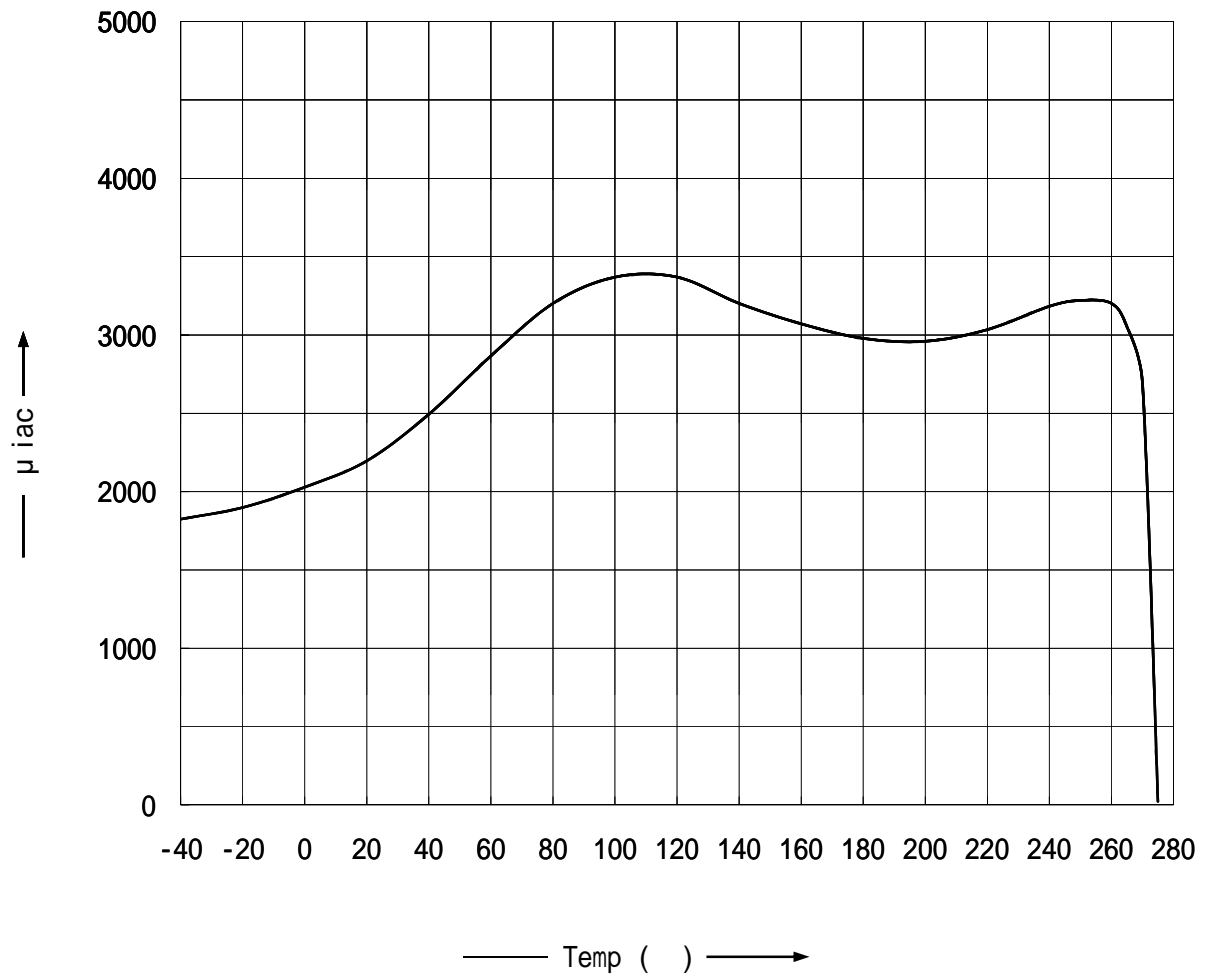
交流初透磁率 Initial permeability	$\mu_{iac}$	2200	—————
相対損失係数 Relative loss factor	$\tan \delta / \mu_{iac}$	0.098	$\times 10^{-5}$ (10 KHz)
透磁率の相対温度係数 Relative temperature	$\mu_r(20 \sim 60)$ $(-20 \sim 20)$	3.473 1.543	$\times 10^{-6}/$
キュリー温度 Curie temperature	$T_c$	275	
パワーロス Power Loss	P.L.(100kHz200mT)	40 490 60 440 100 390 120 400	$\text{kW}/\text{m}^3$
パワーロス Power Loss	P.L.(500kHz50mT)	40 260 60 240 100 150 120 160	$\text{kW}/\text{m}^3$
実効飽和磁束密度 Saturation flux density	$B_{ms}$ 20 100	550 440	H=1200(A/m) mT
残留磁束密度 Remanence flux density	$B_r$ 20 100	110 50	mT
保磁力 Coercivity	$H_c$ 20 100	10 6	A/m
抵抗率 Electrical resistivity	$\nu$	8.07	-m
見掛密度 Density	$d_{app}$	5.0	$\times 10^3$ ( $\text{kg}/\text{m}^3$ )

\*材質特性の測定方法は概ねJIS-C2561に準じたものです。

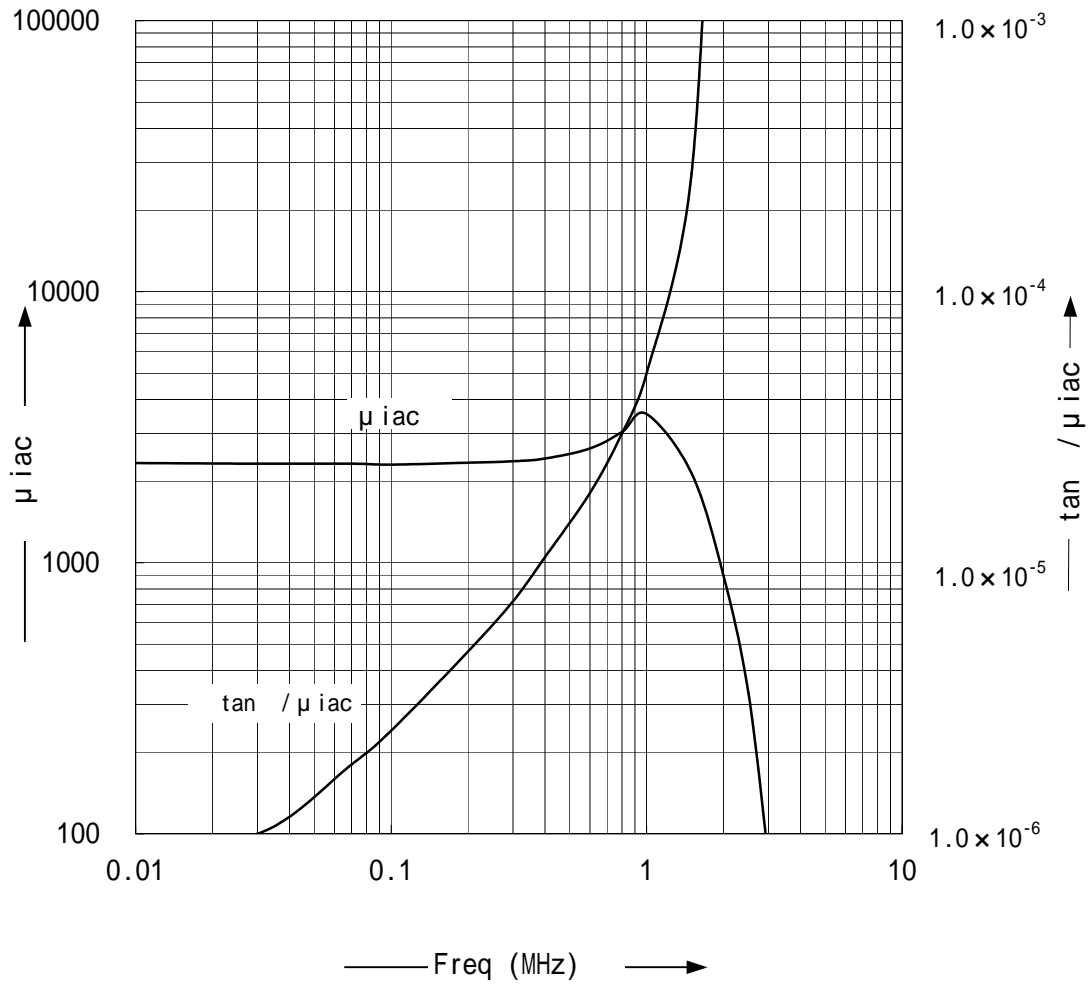
特性は全て代表値であり保証値ではありません。

\*The values were obtained from testing methods carried out in accordance with JIS-C2561:General Testing Methods for Cores Made of Ferromagnetic Oxides.

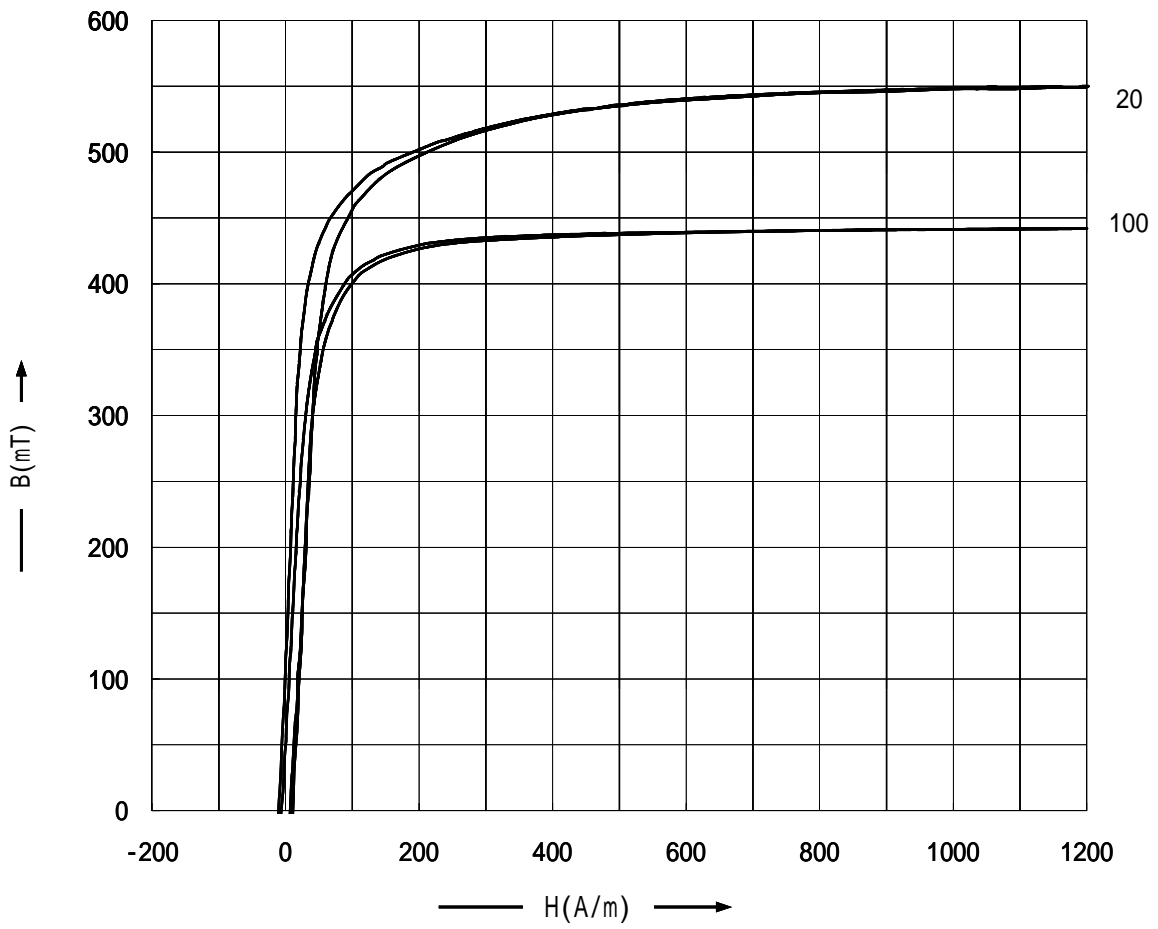
2N6  $\mu$  iac vs. Temperature



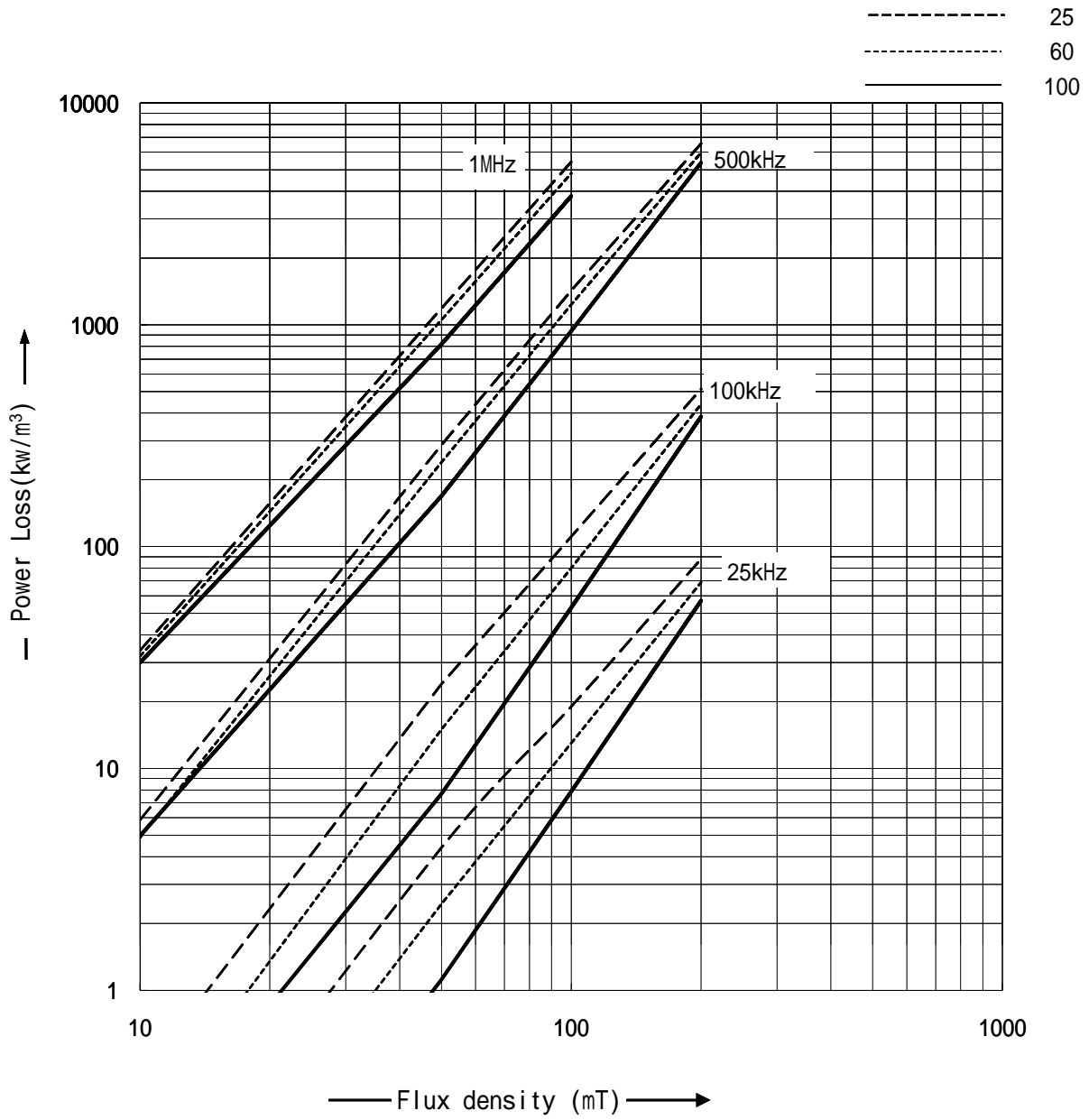
### 2N6 $\mu$ iac and $\tan \delta / \mu$ iac vs Frequency



2N6 B-H Characteristics



### 2N6 Power Loss vs. Flux density



### 2N6 Power Loss vs. Temperature

