

6N2

## 標準材質特性

Standard Characteristics Of Material

交流初透磁率 Initial permeability	$\mu_{iac}$ (1MHz) (13MHz)	90 95	
相対損失係数 Relative loss factor	$\tan \delta / \mu_{iac}$ (1MHz) (13MHz)	2.8 6.3	$\times 10^{-5}$
透磁率の相対温度係数 Relative temperature	$\alpha \mu_r$ (20~60°C) (1MHz)	13	$\times 10^{-6}/^{\circ}\text{C}$
キュリー温度 Curie temperature	$T_c$ (1MHz)	>260	$^{\circ}\text{C}$
実効飽和磁束密度 Saturation flux density	$B_{ms}$ 20 $^{\circ}\text{C}$ 100	255 225	H=1200 (A/m) mT
残留磁束密度 Remanence flux density	$B_r$ 20 $^{\circ}\text{C}$ 100	150 130	mT
保磁力 Coercivity	$H_c$ 20 $^{\circ}\text{C}$ 100	320 270	A/m
抵抗率 Electrical resistivity	$\rho_v$	$>10^6$	$\Omega \cdot m$
見掛密度 Density	dapp	5.0	$\times 10^3$ (kg/m <sup>3</sup> )

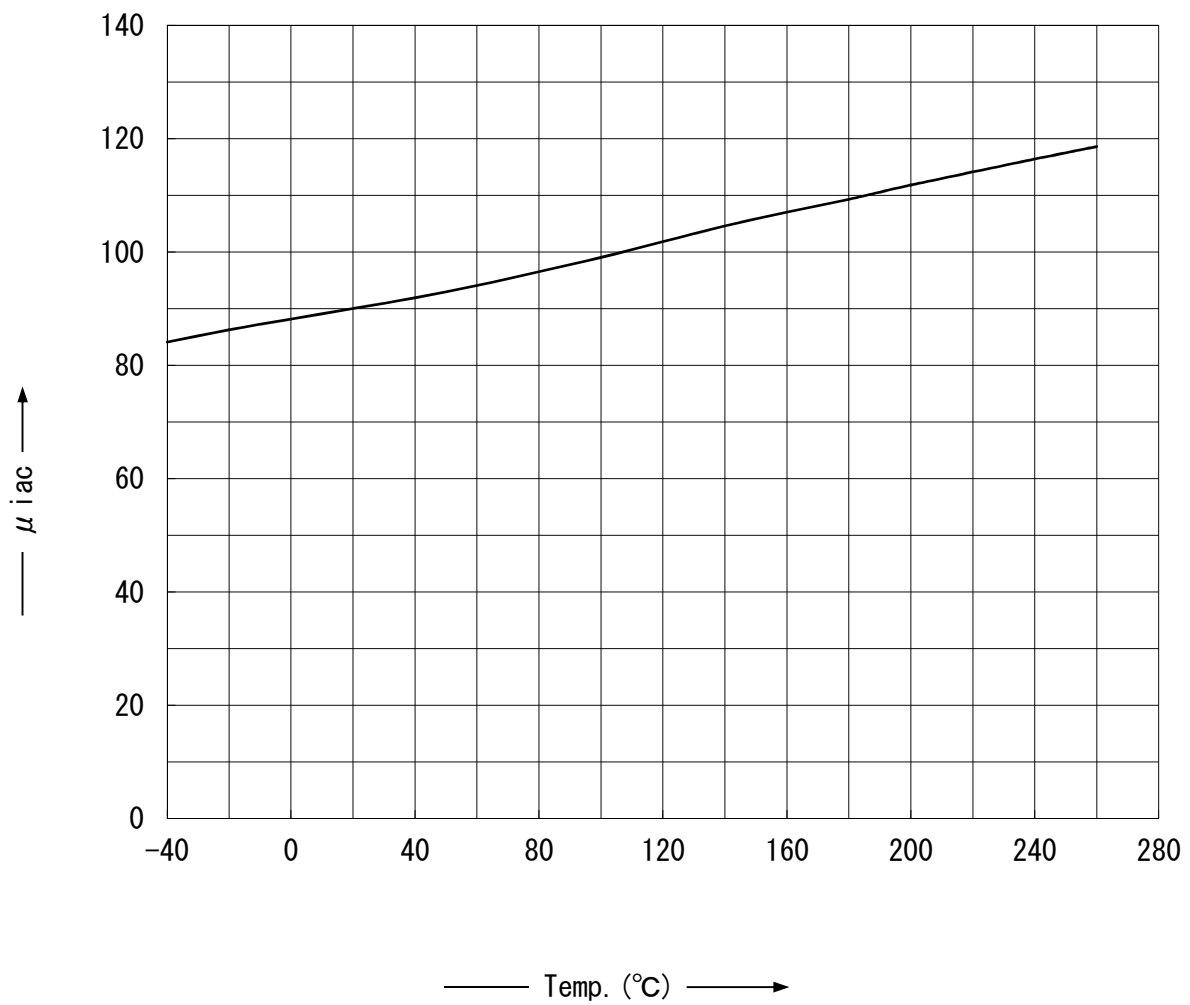
\*材質特性の測定方法は概ねJIS-C2560-2に準じたものです。

特性は全て代表値であり保証値ではありません。

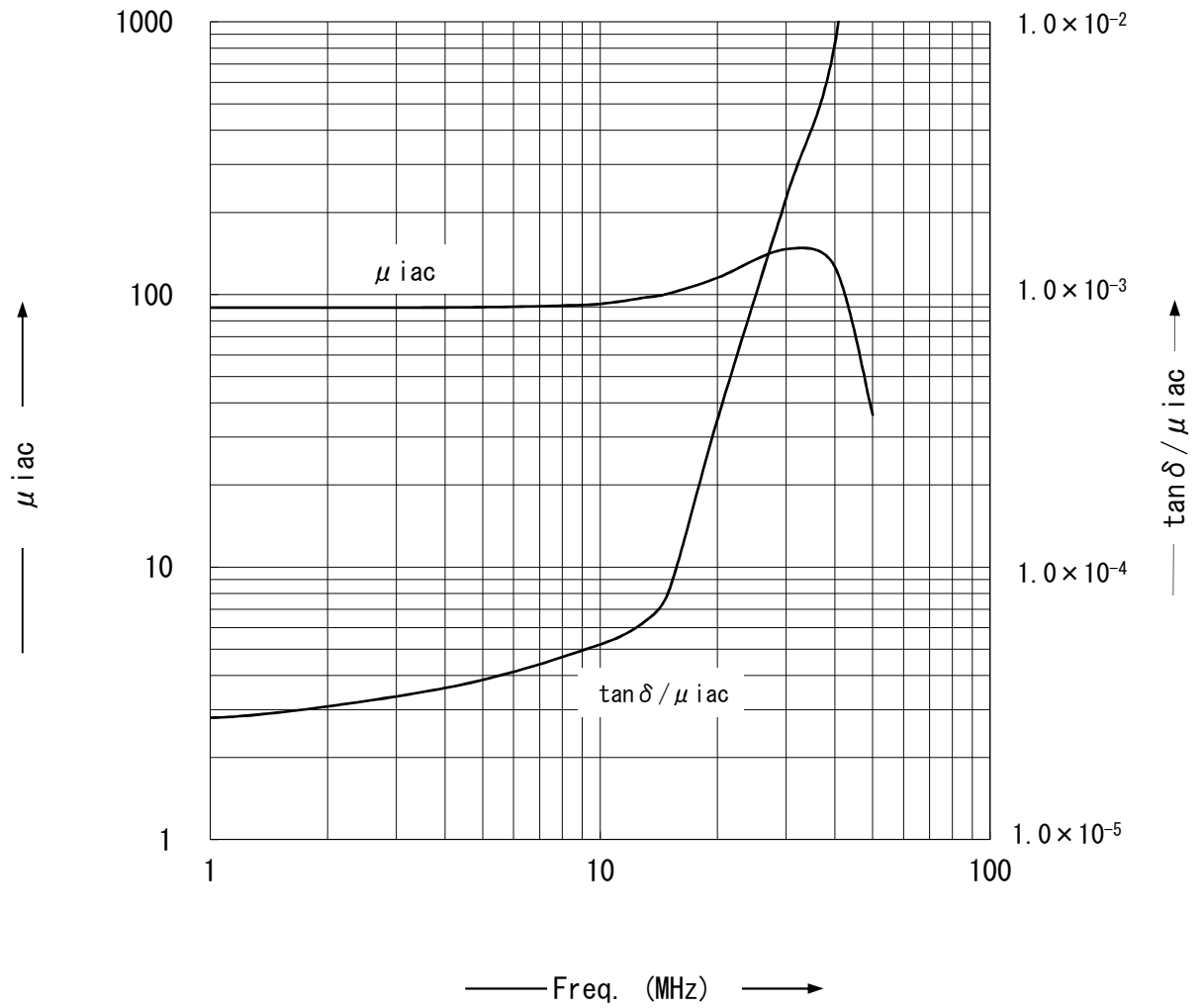
\*The values were obtained from testing methods carried out in accordance with JIS-C2560-2:General Testing Methods for Cores Made of Ferromagnetic Oxides. They are standard values only, not guaranteed.

6N2  $\mu$  iac vs. Temperature

at 1MHz



6N2  $\mu$  iac and  $\tan \delta / \mu$  iac vs. Frequency



### 6N2 B-H Characteristics

