

2N9

標準材質特性

Standard Characteristics Of Material

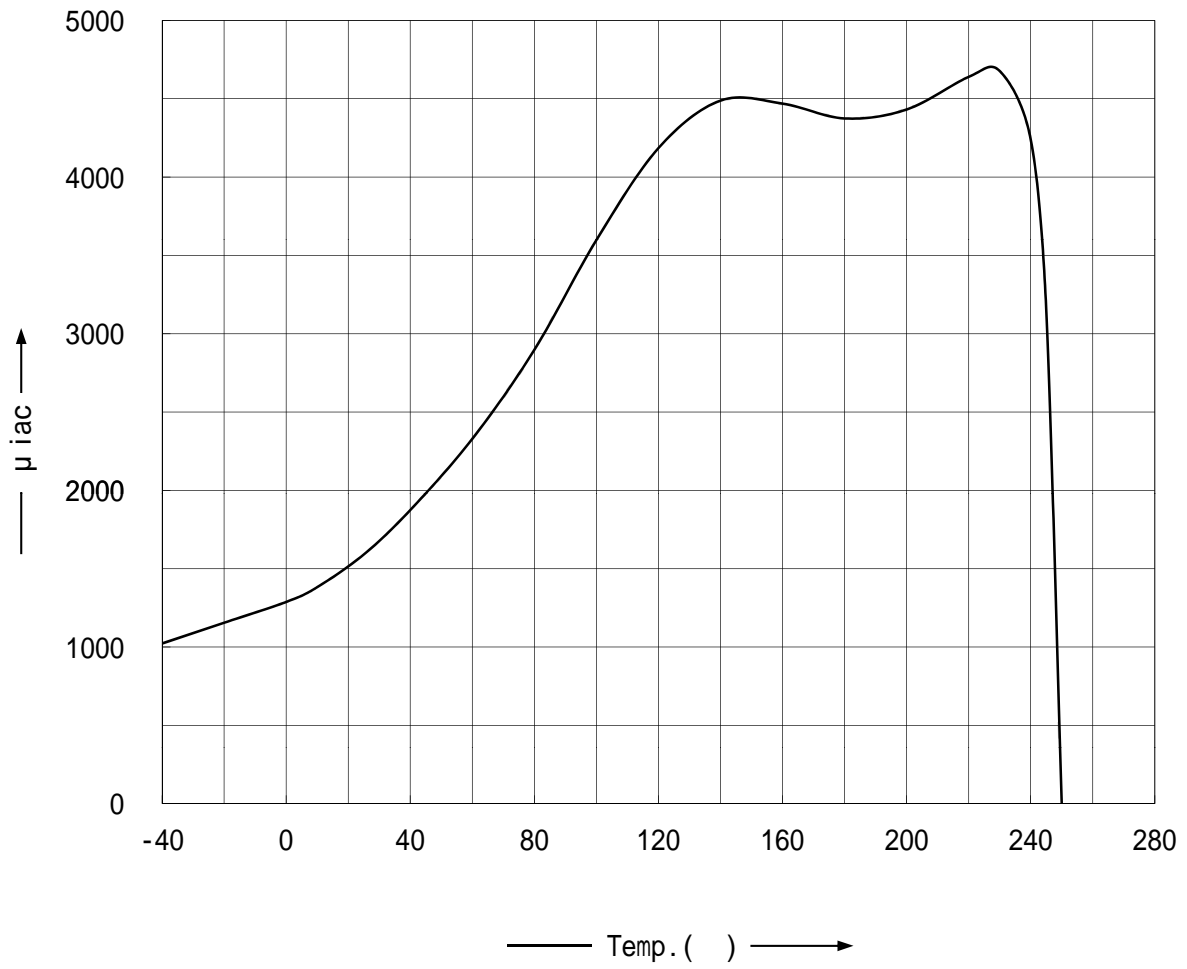
交流初透磁率 Initial permeability	μ_{iac}	1500 ± 25%	
相対損失係数 Relative loss factor	$\tan \delta / \mu_{iac}$	0.55	$\times 10^{-5}$ (10 kHz)
透磁率の相対温度係数 Relative temperature	μ_r (20 ~ 60) (-20 ~ 20)	7.3 4.3	$\times 10^{-6} /$
キュリー温度 Curie temperature	Tc	250	
パワーロス Power Loss	P.L. (100kHz 200mT)	80 500 100 420 140 350 150 390	kW/m^3
実効飽和磁束密度 Saturation flux density	Bms 20 100 140	520 420 355	H=1200(A/m) mT
残留磁束密度 Remanence flux density	Br 20 100 140	250 60 40	mT
保磁力 Coercivity	Hc 20 100 140	15 6 5	A/m
抵抗率 Electrical resistivity	ν	11.2	-m
見掛密度 Density	dapp	4.9	$\times 10^3$ (kg/m ³)

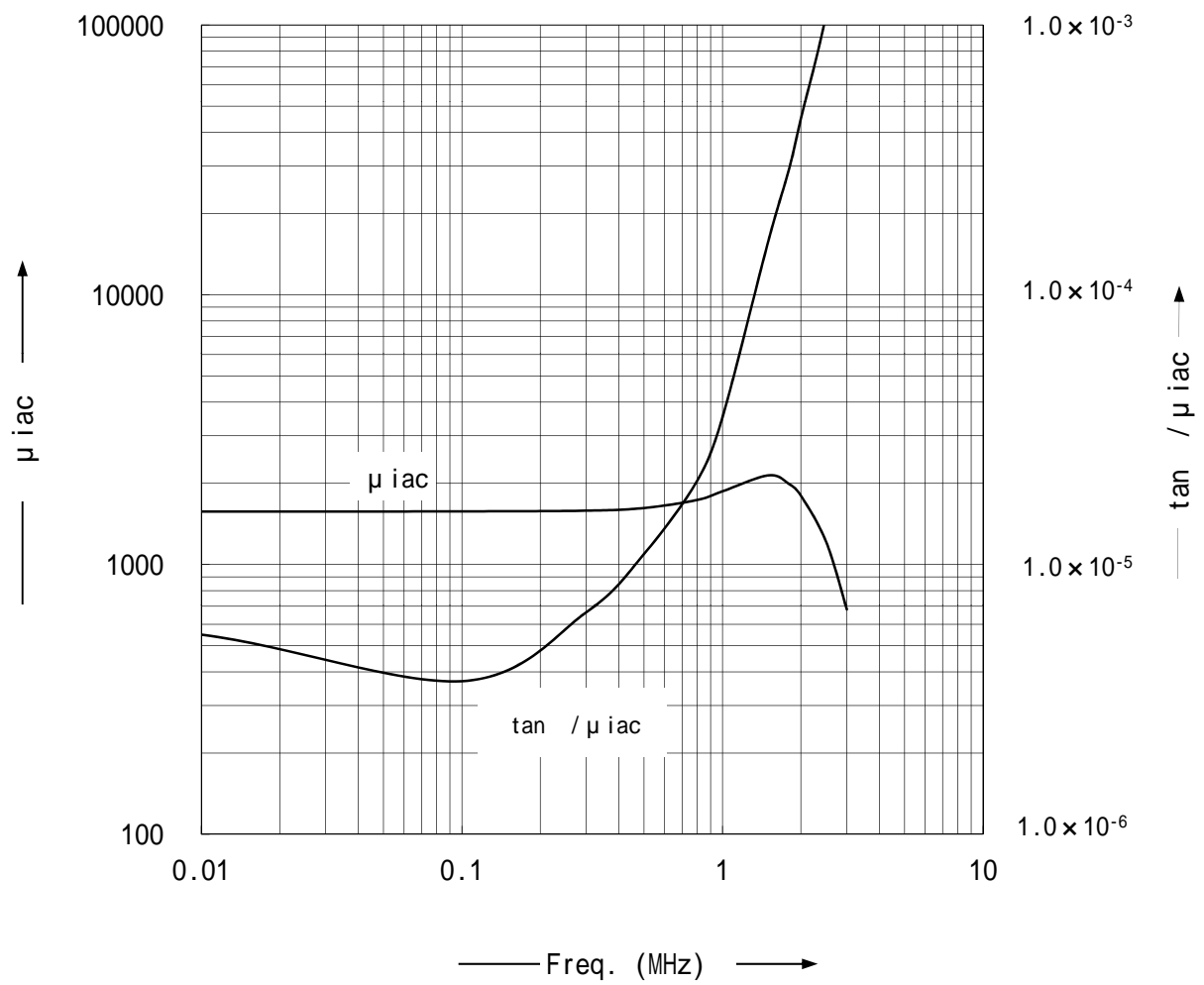
*材質特性の測定方法は概ねJIS-C2560-2に準じたものです。

特性は全て代表値であり保証値ではありません。

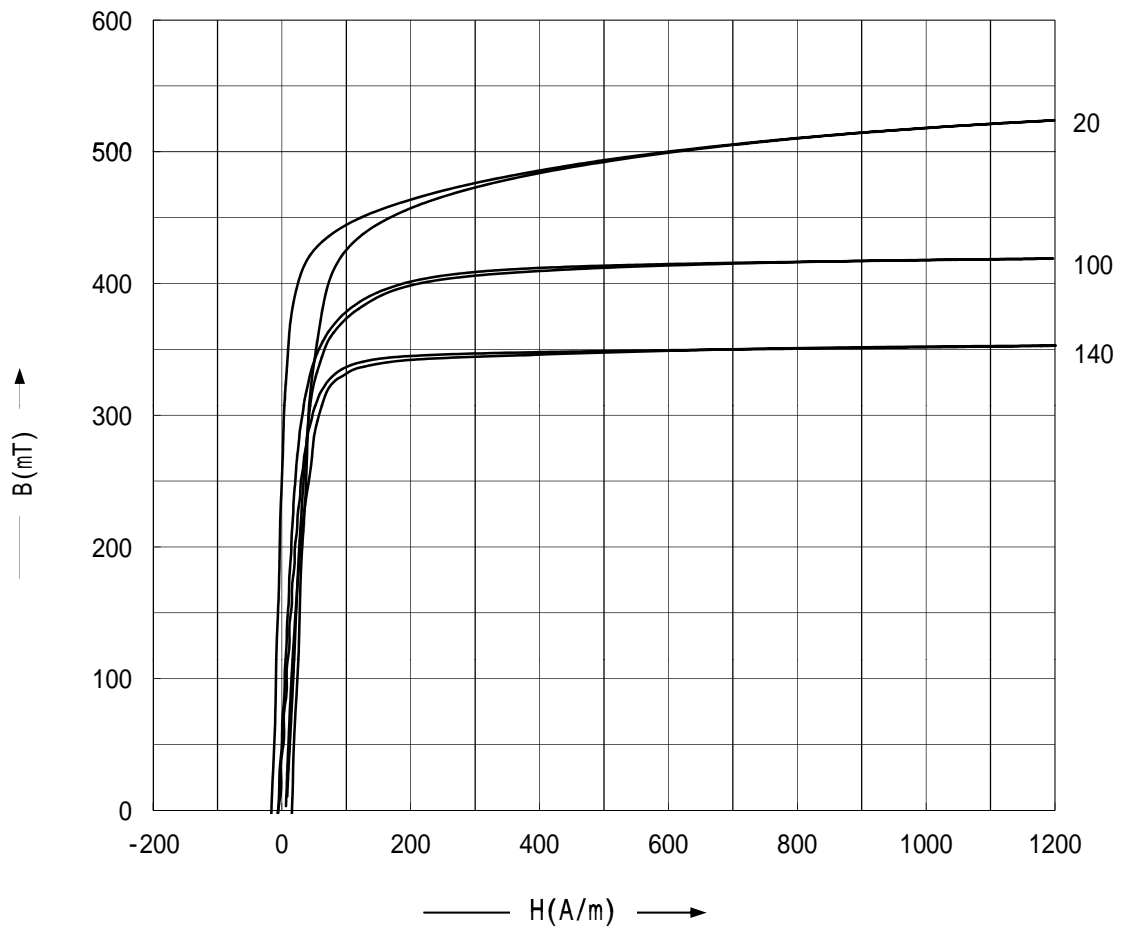
*The values were obtained from testing methods carried out in accordance with JIS-C2560-2:General Testing Methods for Cores Made of Ferromagnetic Oxides. They are standard values only, not guaranteed.

2N9 μ iac vs. Temperature

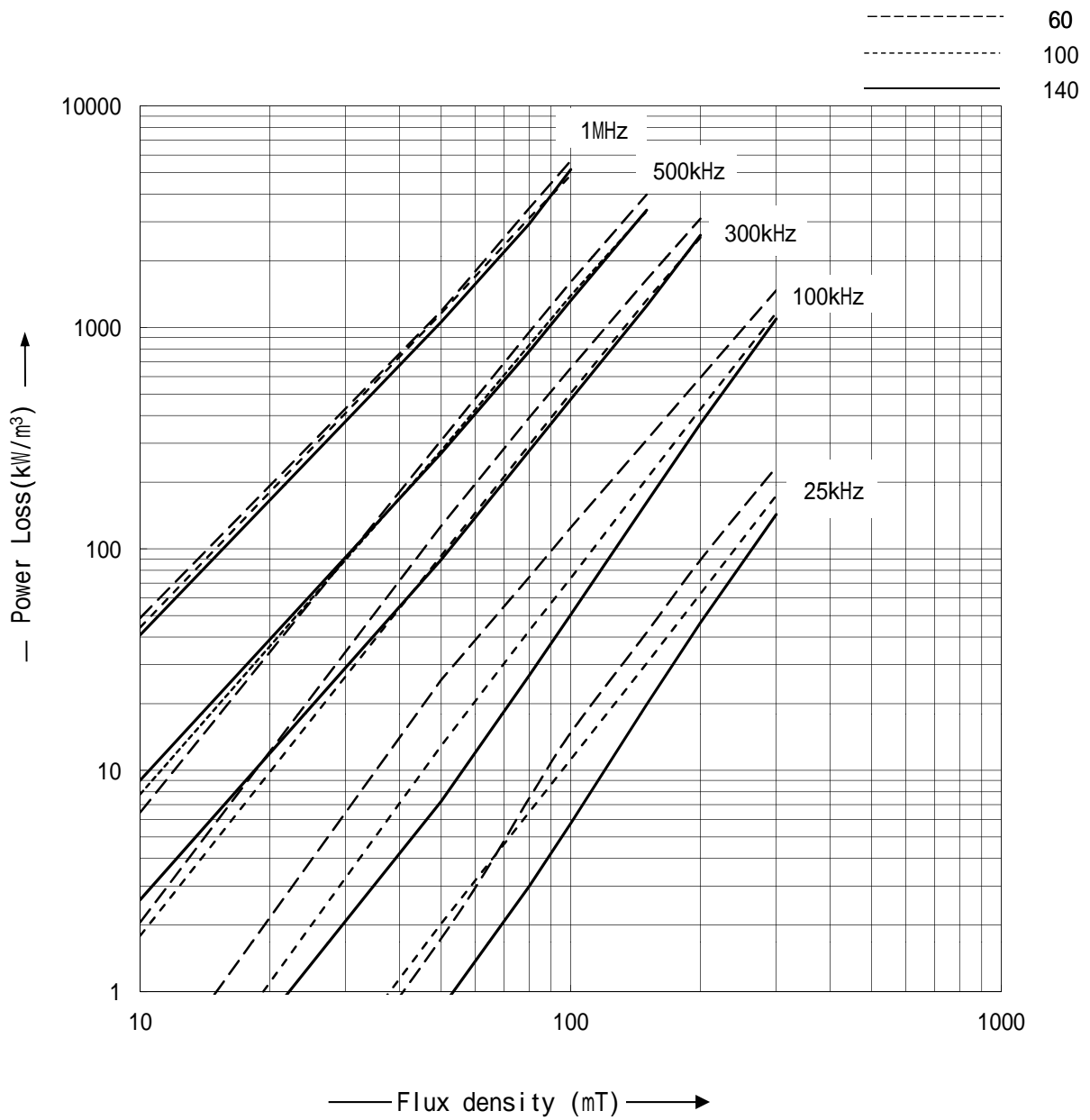


2N9 μ iac and $\tan \delta / \mu$ iac vs. Frequency

2N9 B-H Characteristics



2N9 Power Loss vs. Flux density



100kHz-200mT
5Ts-5Ts

