

3N7

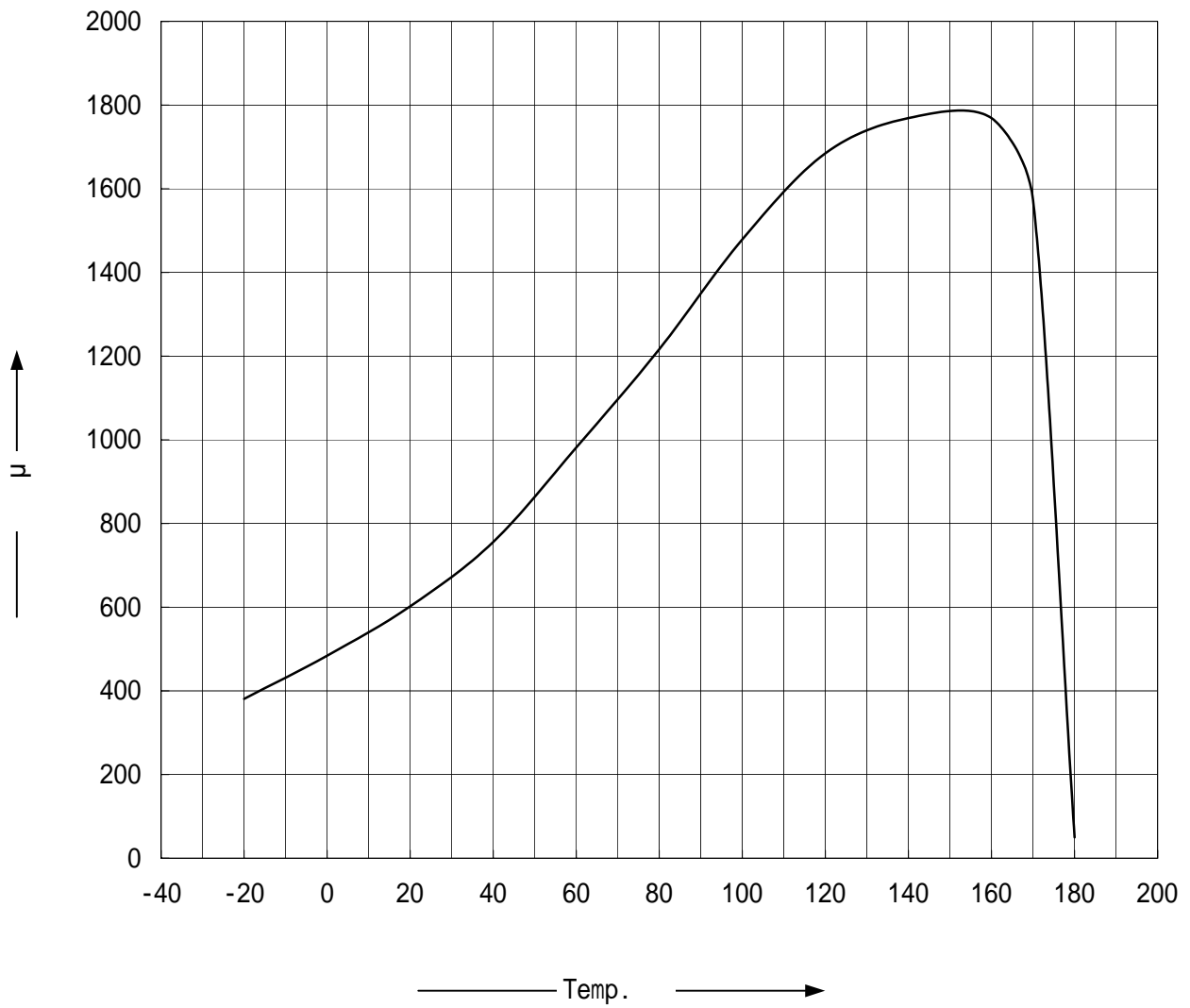
## 標準材質特性

Standard Characteristics Of Material

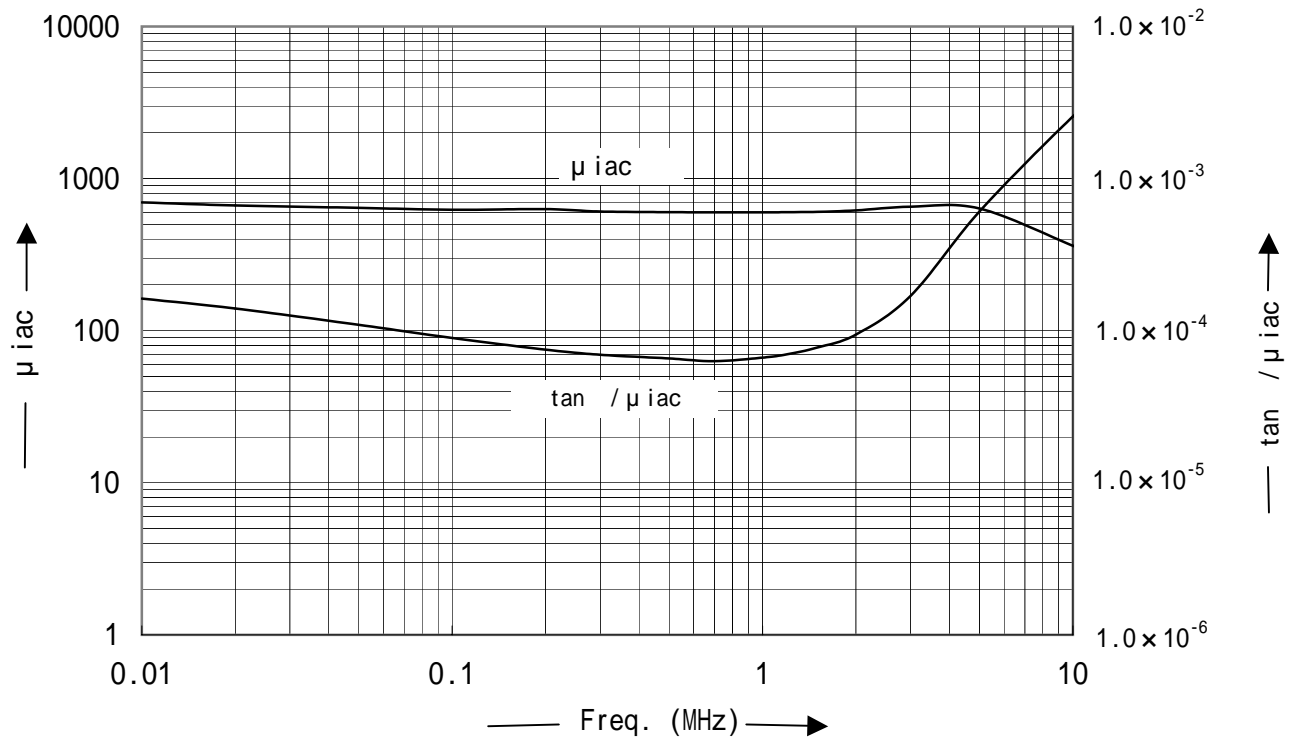
|                                     |   |         |                                       |
|-------------------------------------|---|---------|---------------------------------------|
| 交流初透磁率<br>Initial permeability      | $\mu_{iac}$                                 | 650     | —————                                 |
| 相对損失係数<br>Relative loss factor      | $\tan \delta / \mu_{iac}$                   | 9.0     | $\times 10^{-5}$ (0.1 MHz)            |
| 透磁率の相对温度係数<br>Relative temperature  | $\mu_r(20 \sim 60 \text{ } ^\circ\text{C})$ | 26.2    | $\times 10^{-6}/$                     |
| キュリー温度<br>Curie temperature         | $T_c$                                       | 180     |                                       |
| 実効飽和磁束密度<br>Saturation flux density | $B_{ms} \text{ } H=1200(\text{A/m})$        | 360     | mT                                    |
| 残留磁束密度<br>Remanence flux density    | $B_r$                                       | 232     | mT                                    |
| 保磁力<br>Coercivity                   | $H_c$                                       | 25.0    | A/m                                   |
| 抵抗率<br>Electrical resistivity       | $\rho$                                      | $>10^6$ | $\Omega\text{-m}$                     |
| 見掛密度<br>Density                     | $d_{app}$                                   | 5.1     | $\times 10^3 \text{ (Kg/m}^3\text{)}$ |

\*The values were obtained from General Testing Methods of Ferrite Cores.

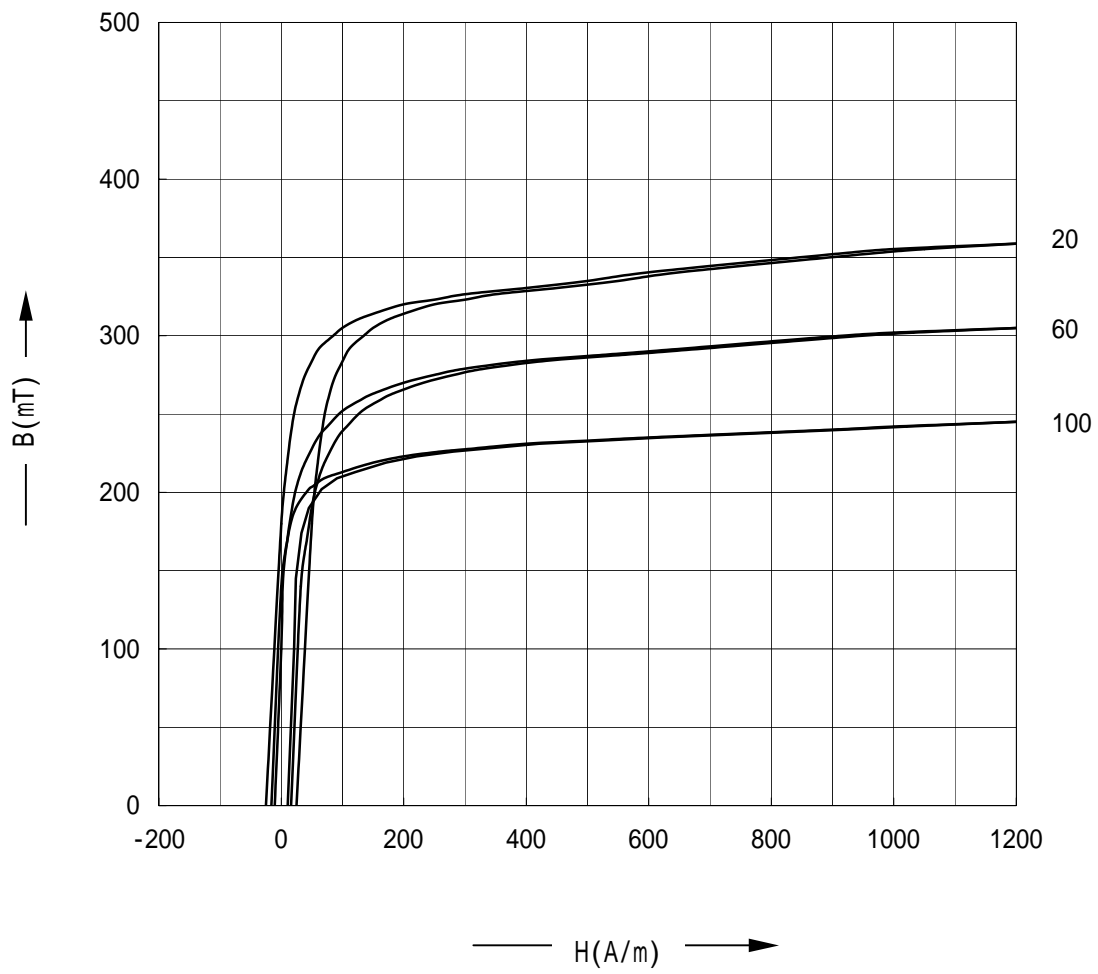
3N7  $\mu$  iac vs. Temperature



3N7  $\mu$  iac and  $\tan / \mu$  iac vs. Frequency



3N7 B-H Characteristics



3N7 vs. 3A4 Impedance-Frequency

CORE:TR-2.54 × 1.27 × 1.27(4Ts)

